MORGAN CREEK

SECTION 7 WATERSHED

1997 GRAZING RESULTS
MORGAN CREEK ALLOTMENT

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.*	On Date	Off Date	H.M.
1544	6/01	10/31	7720	1471	6/01	10/31	7355	1098	7/13	10/20	3623

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Key Areas	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Corral Creek	N/A	N/A	4"	50%	4.0"	40%
Main Morgan Creek	"	"	4"	50%	3.5"	45%
Van Horn Creek	"	"	4"	50%	3.5"	35%
Lick Creek	"	"	4"	50%	4.0"	25%
West Fork	"	"	4"	50%	6.0"	10%

* Note: Upland measurements are ocular estimates.

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

Key areas were delineated for itensive monitoring during the 1997 season. These areas were located along key streams within the allotment and in areas where past use levels have been identified as having been excessive. The key area transects overlapped previously existing greenline transects as follows:

Corral Creek	MCGL14
Main Morgan Creek	MCGL1
Van Horn Creek	MCGL8
Lick Creek	MCGL10
West Fork	MCGL6

On these sites streambank stability was ocularly monitored on a regular basis thoughout the season. Stubble height was also monitored and season ending measurements were gathered. See attached field notes.

Morgan Creek Allotment
1997 Field Season
General Allotment Summary

Stocking:

The Morgan Creek allotment was stocked with 1098 head of livestock during the 97 season. Cattle entered the combined allotment on a staggered basis, but approximately the middle of May. They also left the allotment on a staggered basis but average is around the 25th of October. Total AMs for the herd over the actual use period of 163 days would be 5966. Cattle entered the Forest portion of the allotment on July 13 and were generally gone by October 20. This is a period of 100 days. Actual use on-Forest would be about 3625 AMs.

Rotation:

Rotation this year was: 1) Unit 3 - early; 2) Unit 1 - late; 3) Unit 2 - Rest. Each of the two use units were further subdivided into 10 subunits or paddocks each for a total of 20 paddocks over the allotment. Cattle were moved thru these units rapidly and efforts were made to confine all animals to one or two paddocks at any given time. Map and general timeframes are contained in the 1997 AOP.

Growing conditions/forage production:

The growing season for 1997 was exceptional. The allotment received ample winter precipitation followed by abnormally wet conditions in the spring and summer. Forage production was good and grasses on upland areas remained green throughout most of the summer.

Improvements constructed:

~~None~~ Fence surrounding riparian area on Panther Creek Summit.

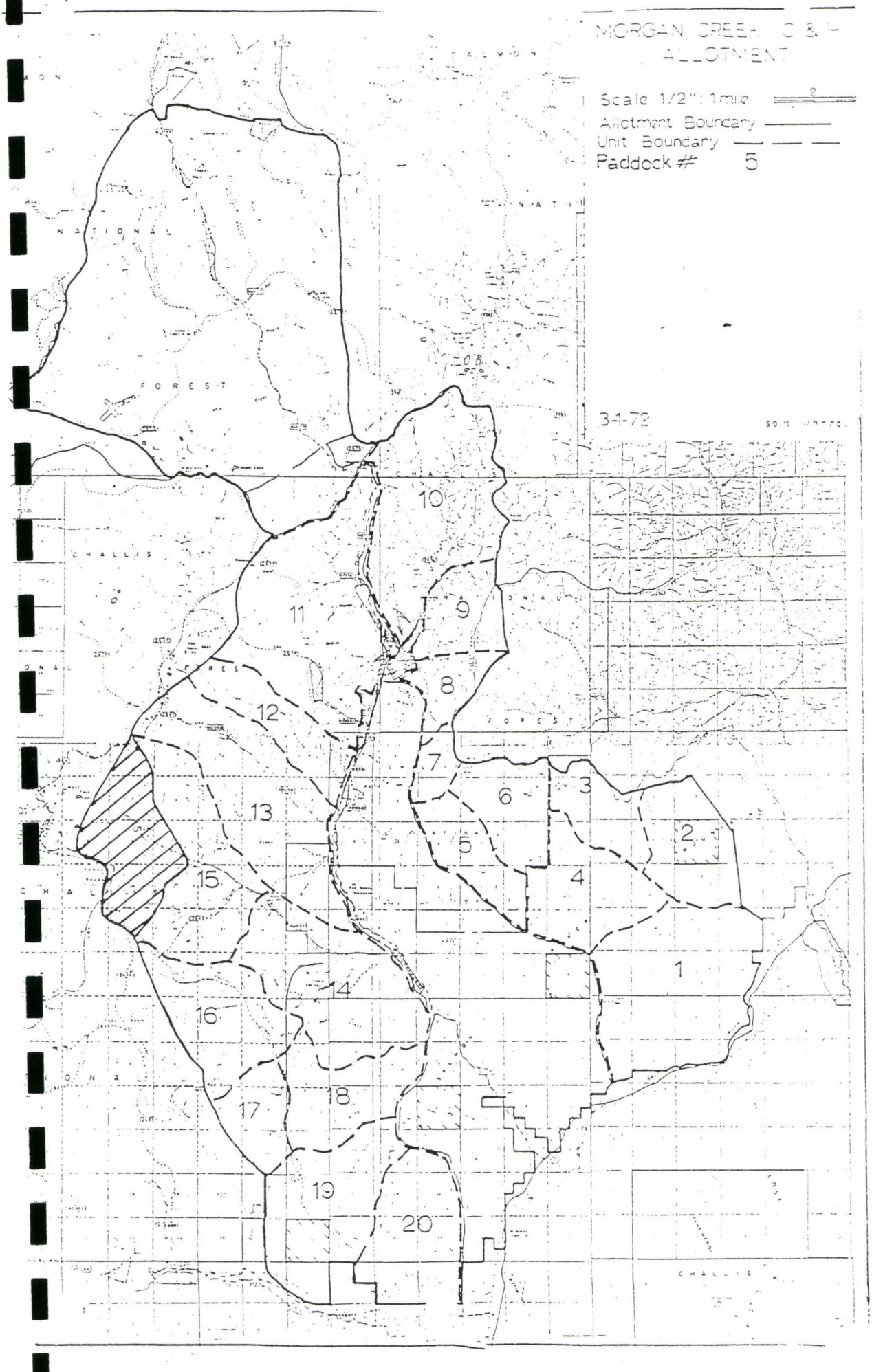
Narrative:

Although the three pasture rest rotation system of grazing was intact on the Morgan Creek Allotment in 1997, it was altered in a significant way to enhance management refinements. As mentioned above, the two use units for this year were subdivided into a total of 20 paddocks that were scheduled to be used on a short term basis each. This was made possible by more intensive livestock control or herding methods. Two full time riders for the Morgan Creek Association focused on handling all 1098 animals as a single herd maintaining a herd density of approximately 1 animal (or pair) per acre. By doing this stock densities would force greater utilization of upland forage and less dependence upon riparian forage. In addition, grasses would be exposed to grazing for only a short period of time which would allow more time for rest and reduce the likelihood that the plants would be regrazed after regrowth. This would allow more rapid recovery of grazed

vegetation. It also would expose grasses or forage plants to grazing use during their critical growth phase over a smaller percentage of the landscape. This would make it easier in subsequent years to stagger the periods of use and hit plants during this critical phase on a more infrequent basis.

Overall this strategy worked well. Cattle were herded more effectively than at any time in the past. As a result, many areas were grazed once over the course of only a few days and then allowed to recover. The effects of this were especially apparent in those areas grazed early in the season, where many of the plants went on to set seed after grazing. Standards that were established within many of the riparian areas (streambank stability and stubble height standards) were met on 3 of 5 monitoring sites which is an improvement over past performances. In the two areas that were missed, the measurement was within one half inch of the acceptable standard of 4.0".

Some problems were also identified with the 97 operation. There was difficulty obtaining riders for the allotment with the expertise to carry out the herd management challenges associated with handling a group of over 1,000 animals in extremely rugged and varied terrain. As a result there were lapses where the herd became scattered or moved into areas that were not planned. In addition it took longer to move the animals through the system of paddocks than was originally anticipated. Fences on the allotment were not maintained adequately. This led to grazing occurring within the rested Unit (unit 2). This was especially apparent within the headwaters of Panther Creek just over the top of Morgan Creek summit and in the vicinity of the junction of Lick Creek and main Morgan Creek. As of this writing plans have been made to correct these problems.


MORGAN CREEK C & H
ALLOTMENT
Scale 1/2": 1 mile
Allotment Boundary
Unit Boundary
Paddock # 5
34-72
10
11
9
8
12
7
6
3
13
5
2
15
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1
14
16
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20

MORGAN CREEK ALLOTMENT NOTES - 1997

6/2 - Checked Gooseberry area. A few head near forest boundary fence but still on BLM (10-15 head). Main herd is not visible.

6/12 - Checked main Morgan and on West Fk. Excellent forage conditions. Much water. No cattle.

6/13 - Steve Cote called. Re concerns expressed over rider experience. Lloyd, Ted rode w/Tim yesterday and were encouraged. Tim is doing better, catching on and they do have confidence in his ability to improve rapidly. Ted has laid out a 10 day plan where members of the association will ride w/him every day for the next 10 days to help him out. Cattle are once again grouped. Water is abundant and feed is abundant. The cattle are using places they don't normally get to. Lloyd is very optimistic that things are improving rapidly.

6/17 - Ride Bighorn sheep unit for comparison. No cattle.

6/23 - MC mtg: Attending-Debbie Norton, Shanda, Russ, Cathy Baer, Bob from Stanley, Chance, Gary Chamberlain, Mike Courtney. Checked up Gooseberry so group could get a view of area that's being grazed now and in immediate future, and as an overview for those in the group not familiar w/the area. Discussed that there are still rider concerns. Visited 3 key areas starting w/main stem at slot, then Van Horn, then Lick Creek. Agreed on locations for monitoring sites for these areas. There is direct overlap w/existing greenline transects on the slot and at Lick Creek. May be at Van Horn but will have to confirm exact location of greenline there before can say for sure.

6/24 - Linda Hestag called. She didn't attend yesterdays mtg because she was in hospital w/allergic reaction. Steve Cote could not attend due to pneumonia. May be able to meet late this week w/Chance and I.

6/25 - Rode Corral Creek w/Chance and looked at one of the Greenline transects. Rode to upper meadows. The elk have been all thru the area in large numbers. Water is seeping everywhere. Very green, very good production. Most beaver dams have breached w/high flows.

7/2 - Vast majority of cattle are below BLM boundary fence still. On Forest saw 7 pair at Watts spring in Unit 2. Also 5 head at pond at top of Gooseberry, in Unit 3. On BLM cattle are visible over a wide area. No significant use apparent at any observed location on Forest. Verls horses (approx 6 head) visible at pond on saddle between Gooseberry and Block Creek.

7/3 - Talked to Jim. Confirmed that another rider is hired. Don't know exactly what date going on Forest, but soon. He will get cattle out of Watts Spring and back with herd. Asked them to call me as soon as plans for moves are firmer.

7/7 - Talked to Cote. Told him fencing project on summit will not be ready by 14th when work

was scheduled to begin. He did not have a final agenda for the 15th and 16th either but is supposed to call me back.

7/11 - Talked to Terry. Cattle are still below fence in BLM but are widely spread. A group from Morgan Creek Association will put the herd back together today. Two riders now on duty. Riders should have cattle out of Watts Spring. --- Next weeks meetings w/ MC team are postponed. Steve will try to go up on Tuesday and Chance and I will tie in.

7/14 - Jim called. As of yesterday, cattle are on Forest.

7/15 - Met w/ Linda, Steve Cote and Peter Donovan (HRM consultant). Chance and I traveled w/ this group to the allotment. Livestock entered the Forest on Saturday the 12th. Cattle primarily distributed throughout paddock 6. Appears to be no single main group of cattle at this time but are scattered in small groups of 50-75 head each and scattered. Use is approaching 50% on uplands near water in the northern end of paddock 6 and the rider said that livestock will be moved out of that immediate area within the next day. Still appears to be quite a few head down on BLM but riders are still working on bringing them above fence onto Forest. Three riders on the allotment today. Some advance cattle were seen in Gooseberry this morning (still in unit but not with main group) but had been moved by the P.M. and assume they were placed w/rest of herd. Checked in advance of the cattle in Block Creek. There was sign that a few head had been there, but were apparently removed by rider as there are none present now. No significant use there or apparent anywhere other than the north end of paddock 6 as described above. Overall on Forest, cattle are entirely within planned paddocks and use is appropriate.

7/18 - Rode MC w/Chance. Up Block Creek and over saddle into head of Gooseberry, then down thru Gooseberry and out. Approx 40 head in the head of Block Creek. Many more have now moved into Gooseberry drainage. Upland use is still light (<30%) but bottoms getting heavier especially near dirt ponds. One major slop over is approximately 100 head that are in Watts Spring. Called Jim in evening and went over ride w/him. He is going to contact the rider immediately and get cattle out of Watts, and also wants cattle in Block Creek put back w/main herd. The only way we could have cattle in those numbers in Watts is w/a gate down or fence down.

7/19 - Jim called P.M. He said that riders found the cattle in Watts yesterday at around 4. They had broken down a gate and gotten thru. They were removed immediately. We had seen them around 3 so riders were right behind us.

7/22 - Went up Corral Cr w/Chance, Steve Cote, Karen Gallogly. We established key area which overlaps Morgan Creek Greenline #14. Retook several photos and did streambank stability. Stability was 86.5%. Looks very good right now. Saw 9-11 pair of cattle and got brands. They are from neighboring Hat Creek Allotment. With Karen, we established a date of July 30, next Wednesday, to do stability and measurements on other key areas starting w/the slot and moving south from there thru Van Horn, Trail Creek, Lick Creek. Steve said there is potentially a meeting tomorrow nite @ 5:00 w/ Linda and association members to coordinate as we are getting closer to critical habitat watersheds.

7/23 - Talked to Jim. Told him about Hat Creek Cattle. Called Garechana and left him urgent DG message to have Hat Creek Permittee remove cattle immediately. Morgan Creek Association has gone over their mtc portion of the allotment boundary fence. Cote checked allotment. Checked Gooseberry. Said cattle were very well bunched, all within more or less one section of ground in the very head of gooseberry. BLM was clean from what he could see. North and East of Paddocks 5 and 6 were also very clean. Both riders are working the cattle effectively. Cote talked to Martiny and O'Neal who were encouraged by the way things have started coming together over the last few days.

Meeting @ 1700: Attending - Linda, Steve, Chance, Russ, Delbert, Jim Martiny, Ted, Gary, Diana. Should move into Paddock 7 around the weekend, early week. Rapid movement thru the next several paddocks (7,8,9), being in each only 3-4 days apiece. Can't have stragglers in emphasis item for these areas. Discussion of yesterdays measurements on Corral Creek, and next weeks plans. Feeling that gradual progress is being made and cattle are now well grouped and handling quietly. New rider is developing. Need to keep planning ahead w/improvements for next year. Concentrate on getting photos, not just in designated monitoring areas. Need to have NMFS out w/us after we get thru a few of the key critical area paddocks to view results. Will keep moving rider camp to stay w/herd.

7/24 - Notes to NMFS.

7/25 - Rode Block Creek/Gooseberry. Cattle very well bunched. Spoke w/rider. They will move into paddock 7 tomorrow and with them this tight he thinks they can get it done in one day. Gooseberry is exceptionally clean.

7/28 - Drove Gooseberry. Very Clean. Looks clean even into saddles going into Block Creek. Bottoms, no cattle. Upland use is probably 40% overall w/some areas lighter and some heavier.

7/30 - Karen and I read streambank stability in key areas in Slot, Van Horn, Lick Creek. Talked to Dowton. Three riders on site today. All areas visited looked very good. Visited upper Lick Creek photopoint. Willows have come in very thick here since original photos in 92.

8/1 - Rode up Pig Creek, thru the head of Block Creek to Poison Basin and around to Sawmill. Most of herd thru Poison and across face near Stephens. Still some cattle in the head of Block. Told Ted that the rear guard needs to be pushed up and we need to move quicker thru these smaller paddocks. They should be going above Sawmill into Gum by now. He said they would focus on bringing the back end up.

8/5 - Checked allotment. Cattle are now in Paddock 8 w/some advance cattle into 9. Paddock 7 appears to be clean. Cattle bunched better than Friday and riders are moving rear of herd up. Talked to Dowton. He said everything to his knowledge is out of Block and Poison Basin (paddock 7). I told him what I had seen. I said that #8 looks OK now but need to keep cattle moving. I said that overall I thought they needed to go faster. Jim said they were meeting w/the riders tomorrow nite and would go over things with them.

8/6 - Bob and I rode Corral Creek to below Stephens. A handful of cattle in Corral but herd still in Paddock 8. Most of herd on benches between Stephens and Pig creek. Herd is holding together well and all areas look good to this point. We talked to rider and asked them to begin moving the herd thru more quickly to maximize the amt of stubble that will be left behind. We also asked that continued emphasis be placed on cleaning up the rear as they move the herd. Minimize stragglers. They appear to have done a good job to date on this.

8/7 - Impromptu MC team meeting held w/Linda, Glenn, Steve, Chance, Delbert, Jim and Ted. I did not attend as was in field.

8/8 - Rode Morgan from below Stephens to Sawmill. Both riders on duty. All cattle are head of Sawmill into Gum Creek. Clean around ridge below Sawmill and downcanyon from that point. Impressed upon riders need to keep them moving.

8/11 - Talked to Steve Cote. Went over some items from last weeks quick team meeting and Steves visit to allotment on Saturday. He is enthusiastic about results he has seen so far.

8/12 - Rode from Sawmill north to Corral Creek w/Chance. Cattle primarily in Corral Creek from Trail Crossing to meat pole ponds. Visit to key area. Only light use at present. No cattle seen in Gum Creek and Sawmill has some cattle but being swept today by both riders. Chance and I though Sawmill and Gum looked good at present if no cattle return to them. Upland use is generally still light but widespread. Most areas around 30-40% (ocular) or less.

8/13 - Talked to Dowton. Discussion of yesterdays ride. He is going to keep very close watch on situation and some of association will be working in the area too to help out as needed.

8/13 - Notes to NMFS.

8/15 - Rode Corral Creek. Still many cattle in right Fk of Corral Creek all the way from meat pole to upper meadows. Royce and Tim were riding today. Eric had a horse accident yesterday and will be out of commission anywhere from a week to the rest of the season. They are moving cattle up to the ridgetop which parallels the main road and ample water in all ponds there. Checked key area. Stubble 6-8", at least, right now but cattle in vicinity. Need to get them moved to ridge and out of drainages.

8/16 - Talked to Dowton. Discussed yesterdays ride and Erics circumstances. They will keep another rider or someone from the association up there w/Tim all the time. Right now Royce is up again. They are actively trying to move everything off of Corral and along the ridge paralleling the main road. They want to have no more use on Corral Creek and its forks.

8/19 - Chance and I rode Corral Creek drainage. It is apparent that the creek has been swept during the past several days as there are very few cows visible along the drainage. It is not entirely clean however and some livestock still hanging out in the timbered areas. The key area is still in good condition. Chance and I walked the area and estimate stubble as still between 6-8". No significant signs of bank damage but opinion is that we have taken as far as we want to go and

8/19 (cont.) - would be best as mentioned before to get and keep cattle out of Corral Creek. Bulk of herd now on ridge paralleling main MC road. P.M. Chance will call Dowton this evening and relay report of what we saw.

8/20 - Chance talked to Dowton yesterday and relayed report. In addition I talked to Ted and Jim Martiny and filled them in. Bob to ride Friday w/Ron Johnson.

8/22 - Bob ride MC w/Ron Johnson and Chance. Bob relayed that everything looks very good at present. Corral itself appears to be clean of livestock still w/no new use in key area since last visit. Also they revisited Sawmill and Gum Creek which still appear to be clean.

8/27 - Meeting of team and others. Visited allotment and checked Gooseberry area, West Fk key areas, Stephens Creek upland and riparian area, and the fence at Panther Creek meadows. At this point everyone satisfied that results to date are excellent. Patterns and levels of upland and riparian use are generally very appropriate. Cattle have reached slot and were in the area of main Morgan from Corral all the way up to summit. Rider said he would be moving them ahead in Alder Creek starting tomorrow.

8/29 - Rode ridge from Burnt Gulch to above Packer Basin w/Chance. Cattle not in Packer but pretty well everywhere else, including Corral Creek. Also spoke w/ Shanda who called about cattle in upper meadows. Use in Packer is heavy and Burnt Gulch is getting there. Most other sites OK. The main creek is now clean and use there is light as of yet. Called Dowton this AM and left message about cattle in upper meadows. Also talked to Martiny this afternoon after riding and went over everything w/him. I said they should be moving across road now and he said they would. He would call around and try to get a crew together. Called Dowton in evening and went over information w/him. They will be up there taking care of things this weekend.

9/1 - Jim Dowton called. Tim thinks Corral and that side of the road are in good shape but Jim said they will put a big crew together and spend whatever it takes in order to make sure the area is completely cleaned.

9/2 - Drove off Cobalt side to cattleguard above Opal Creek. No cattle visible on that side. Approximately 20-25 head in meadows at top of summit (proper unit). Talked to Dowton. There are three riders in addition to regular riders in Sawmill/Corral area today. Told him about cattle at summit. Some cattle in slot and Jim said they want to get them out and keep them out of there. Checked Van Horn and no cattle to there as of this date. Exclosure on meadows at summit appears to be complete. Key area at slot looks good at present w/light use but cattle in immediate area.

9/2 - Notes to NMFS

9/4 - Talked to Jim Dowton and told him I had reports of 5 head up in Sawmill sale area and 5 more in the area above Churchwells cabin. They are still working hard at moving and riders will be checking back into Corral Creek every other day. Chance and Steve Cote are riding Corral Creek today.

9/6 - Dowton called. Everything they know of is across but still riding the rear to make sure. Intensifying riding and will not use Alder Creek area very much because don't want to risk losing livestock in the trees. Will drift them down country fairly rapidly, and try to do well remainder of key areas. Slot OK current and fences around it have been maintained to help protect it.

9/10 - Visited allotment w/Level I crew. Attending were: Russ Chance, Dale, Ray, Shanda and Bob Gardner. Met at 1330 at First Crossing and visited Stephens Creek/Sawmill Creek area, Main creek up thru the canyon including the slot, Packer Basin lower end and Van Horn (where cattle are primarily located now. Looked at riparian results and upland grazing patterns. Also looked at watergap near Trail Creek and discussed a preliminary proposal to narrow it up and to harden access to reduce impacts. In addition, we returned to the office and reviewed videotape of Corral Creek that was shot by Steve Cote and Chance last week. The overall general consensus was positive. It is apparent that the changes we have made are having an impact on whats left over after grazing and most areas show marked improvement in after grazing conditions (stubble, disturbance, etc.). We are obviously not all the way "there" yet but have made significant in-roads. More will become evident as we move down the west side of the allotment. During trip we encountered a high intensity thunderstorm and the runoff from the storm into the creek off of the road literally turned the creek to Chocolate soup thru the lower reaches of the canyon.

9/12 - Checked up road to Alder Creek. Slot is clean. Went to summit. No cattle seen there. Talked to O'Neal and Terry Dowton on way out. They are moving cattle down below Van Horn as quickly as possible. Checked up Lick Creek and not any cattle there nor sign of cattle. Clean to date.

9/15 - Rode MC thru slot and down thru Dewitt, Oyler and out thru Van Horn. Slot was clean and looks OK. Cattle still scattered thru all other areas ridden altho no large concentrations anywhere. Rider was sweeping the same area I was in and other rider was in Trail Creek area. Van Horn will be close and needs to be kept very clean. Lower end is very good but middle is getting cropped closer. Some cattle as far south as Lick Creek and were thru an open gate (gate broken) and were on the pvt land at the mouth. I told rider they needed to be removed immediately and he said he would this afternoon. Called Dowton p.m. and relayed info to him.

9/16 - Established key area at MCGL6 on West Fork of Morgan Creek w/Chance. Checked allotment. Cattle spread from Lick Creek northward to Annie Roonie. Some cattle still near main Morgan Creek and although gate has been repaired fence is still down in places. Center of herd is probably Trail Creek but cattle are strung out. Need to be out of Trail Creek and all points north right away. Called Dowton and filled him in.

9/18 - Bob checked allotment. Normal 2 riders on duty and Ted, Royce and Jim Chamberlain. They were doing a sweep to try to gather everything north of Trail Creek and get them below Trail Creek towards Lick Creek. There are now several hundred cows in Lick Creek. Cattle had been out into the main canyon thru holes in fence but were being gathered and returned to Unit 3.

9/19 - Chance rode MC today.

9/23 - Rode Trail Creek to Lick Creek w/Chance. Work w/rider to clear Trail Creek. Approx 100 head out. Some cattle near cattleguard just up from Tina's on road. Some seen in Pig Creek watershed. Eric was riding today from Van Horn down to try out his knee. If it holds up he will work back into the rotation some and take back over for Dan. Also on allotment riding today were Ted O'Neal and Jim Martiny of association.

9/24 - Rode Pig Creek watershed. Gathered approx 40 pair out of area and put through wood gate at watergap. Did not see any other riders altho some cattle were headed south out of Van Horn and believe that they were gathered and started by a rider in that area.

9/26 - Rode Corral Creek w/Chance and Bob. Visited key area. Did final stubble measurement. Median stubble 4.0". Brought out approx 30 head from Sawmill and Corral Creek. On allotment were Ted O'Neal, Hughes, riders. Cattle scattered from Trail Creek down w/almost 200 head at cattleguard on Main Morgan just above jct w/West Fk.

9/28 - Dowton called. Would like to meet w/us to discuss recent problems and go over possible solutions. Told him I would get w/Bob and Chance and then call him back. Next couple days tied up w/Pacfish review.

9/29 - Steve Cote, Glenn Secrist, Linda will be here on Wednesday and we will have a team meeting and visit to allotment that day.

9/30 - Extra rider was Jim Chamberlain today. Cattle now being placed below West Fk. West Fk itself very light use w/very few cattle above Forest boundary. Slot clean and nothing apparent Trail Creek to summit. Some cattle still on pvt land at mouth of Lick Creek down to Tina's pvt land along mainstem.

10/1 - Glenn Secrist, Steve Cote, Mark Olson, Bob and I visited key areas from Van Horn to Lick Creek. Looked at problems and possible solutions. Developed some key action items to put in force to close out season.

*Permittee act as a foreman to plan all operations from now on out.
*Develop rolling 7 day plans
*Get all fence mtc done
*Get all salting done
*Orders to riders come from only 1 source
*No additional grazing from Bear Creek north
*Resweep all areas w/large crew
*Use lower BLM ranges (not just a walkthrough)
*Limit use in West Fk to very light levels.

Cattle still present in Bear Creek but Lick Creek is clean today. Some cattle on Main Morgan @ pvt land at mouth of Lick Creek. Regular riders + Dowton had rider on site as well. Many cattle scattered in lower Blue Creek area on BLM. (paddock 14)

10/2 - Chance met w/Morgan Creek team to go over short term (and some long term) plans. Most items agreed to were as listed on 10/1. In addition:

*continue to focus on Williams stockmanship methods
*Problem cattle to be taken home
*Closely watch that no trespass use occurs in Eddy Basin

Long Term thoughts for next year include:

^Riders hired by March 1
^Riders trained in Williams Stockmanship
^All cattle turned out together in coordinated manner
^Cattle trained more intensively over the winter
^Stockwater and fence mtc done early
^Rider incentives ($) tied to performance
^Circle cattle on horseback daily (tight enough herd)
^Weaning area fences
^Troughs by Stephens Springs, 1st springs, Cherry Creek
^Make riders an active part of the team
^Separate plan for Trail Creek. Maybe hot wire one side and then sweep them past
^More recognition of importance of aesthetics

10/7 - Visited allotment w/Chance and Dave Booth. Cattle appeared much more in control. Several riders in the area - Chamberlain, O'Neal, Martiny, Joe Hatch. Eric is out now for remainder of season. Cattle primarily at West Fk and down country. They will continue to move south. West Fk looks very good right now w/only light use at present. Checked Main Creek. There are 6-7 pair above pvt land between main creek and Pig Creek fence. Other than that everything to the north seemed to be clean including slot. O'Neal said todays storm, which put down 4-5" snow on summit, has herd on the move. They will continue to work to use the lower ranges. Overall picture is good at present as long as they continue to focus on riding. Should be able to finish strong.

10/8 - Notes to NMFS

10/15 - Visited allotment w/Chance. Measured stubble at slot, Van Horn, Lick Creek. Slot and Van Horn had median of 3.5". Lick Creek was at 4.0". Several hundred cattle still on allotment but down lower on BLM primarily. Several riders and permittees on hand. Delbert, Royce, O'Neals.

10/17 - Chance rode Corral and Sawmill areas. No cattle.

10/20 - Checked main drainage and West Fk and Little West Fk. No cattle visible on Forest. West Fk is clean of cattle and looks very good. Should be OK to do final stubble there later this week. Visited upper Panther meadows w/ Shanda and Ben. The concern there is that the use outside of the new enclosure was way to heavy. It was supposed to be and area they tried to avoid but cattle used the area intensively. Much of area has snow but ocular and some casual measurements indicate stubble at 1 1/2" to 2" near the creek in this area. Also looked just over the top in headwater meadows in Unit 2 where cattle went thru holes in fence to graze (unmaintained fence). Did not do estimates of stubble in this area and not used as heavily altho use was obvious and could have been zero with a little fence mtc.

10/30 - Chance and I visited West Fk of Morgan Creek. Did stubble which came out at 6". Bob talked to riders. They are each out a few head of cattle but other than that, all cattle are home. We saw 5-6 pair 1/4 mile above West Fk CG and left note on riders truck.

CHALLIS CREEK

SECTION 7 WATERSHED

Challis Creek Watershed
1997 Range Monitoring Report
Challis Creek C&H Allotment

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
226	6/15	9/14	701	226	6/15	9/14	701	226	6/15	9/1	573

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Jeff's Flat S.	6/15	7/15	50%	50%	---	50%
Slab Barn	7/16	9/1	50%	50%	53%	--

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

Livestock were removed from the allotment prior to "off date" due to reaching allowable use standard.

Challis Creek Watershed
1997 Range Monitoring Report
Eddy Creek C&H Allotment

ALLOTMENT DISCUSSION AND COMMENTS:

The bulk of the Eddy Creek Allotment is grazed by cattle. A small portion of the allotment is used by 22 horses/mules. The horse use in this portion of the allotment was less than 10% in the riparian areas.

PERMITTED/ACTUAL USE:

PERMITTED				ACTUAL			
Number	On Date	Off Date	H.M.	Number	On Date	Off Date	H.M.
179 C/c	6/1	9/30	728	179 C/c	6/1	9/29	711
22horse	6/1	8/31	67	22horse	6/1	8/31	67

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Lower Eddy Cr.	6/1	7/31	40%	50%	40%	--
Upper Eddy Cr.	7/31	9/30	30%	50%	35%*	
Bear Creek	6/1	7/15	50%	50%	10%	--
White Valley Creek	7/16	8/31	50%	50%	10%	--

*Livestock were removed from the allotment prior to the "off date" due to the fact that proper use was exceeded on two of the three utilization cages. Use on the three cages was measured as follows:

Upper cage - 52%, Middle cage - 0%, Lower cage - 54% for an average of 35%.

YANKEE FORK

SECTION 7 WATERSHED

Challis Creek, Squaw Creek, Yankee Fork Watersheds
1997 Range Monitoring Report
Garden Creek C&H Allotment

Yankee Fork watershed - The livestock use that occurs in the Yankee Fork unit is within the Yankee Fork watershed.

Squaw Creek watershed - The livestock use that occurs in the Willow unit is within the Squaw Creek watershed.

Challis Creek watershed - All the remaining units are primarily within the Challis Creek watershed.

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
260	7/4	9/10	598	260	7/4	9/10	598	260	7/4	8/25	436
113	6/27	9/15	305	113	6/27	9/5	260	113	6/27	9/5	260

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Daugherty	7/4	7/23	50%	50%	--	50%
Spruce	7/24	7/30	50%	50%	50%	--
Willow Patch	8/1	8/25	30%	50%	70%	--
Big Gulch	6/27	9/5	50%	50%	50%	--

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

Ingram portion of allotment:

Livestock were removed from the allotment prior to "off date" due to exceeding allowable use standard in the late use pasture. Some of the cattle strayed into McKay Creek and heavy use was sustained in the riparian and meadow portions of this drainage.

THOMPSON CREEK

SECTION 7 WATERSHED

THOMPSON/BASIN CREEK WATERSHEDS
1997 GRAZING RESULTS
SALMON RIVER BREAKS ALLOTMENT

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
132	7/1	9/15	338	132	7/1	9/30	338	131	7/12	9/15	210
19*	7/1	9/15	48								

*BLM in even years

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian (1)	Uplands	Riparian	Uplands
Lower Basin Creek	7/12	7/16	6"	50%	(2)	
Little Basin Creek	7/12	8/1	6"	50%		
Upper Basin Creek	7/16	8/1	6"	50%		
Hay Creek	7/16	7/20	6"	50		
Lower Basin Creek	8/2	8/2	6"	50%		
Harden Pasture	8/2	9/15	4"	50%		
Thompson/Peach/Muley	rest					

(1) Additional standard of 30% woody nipping;
(2) Results reported below in comments section

OTHER ACTIONS/MITIGATION MEASURES

Cattle removal from Lower Basin, Little Basin, Upper Basin and Hay Creek pastures by August 1-accomplished

Avoidance of Basin Creek drainage during cattle removal from the allotment (after August 1 use)-accomplished

Riding, salt placement to keep cattle out of riparian areas-substantial accomplishment

Maintenance of improvements necessary to implement strategy-accomplished

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

Trend Studies

Photo trend monitoring was continued in association with allotment/fish habitat monitoring and grazing utilization monitoring. Data from these evaluations and monitoring will provide the basis for subsequent trend determinations following future reevaluations and remeasurements.

Level III Riparian Evaluations (greenline, woody stem regeneration) were collected at two locations (Lower Basin Creek, Little Basin Creek) in 1997.

Allotment/fish habitat monitoring was conducted at two key locations.

ATTAINMENT OF ALLOTMENT UTILIZATION STANDARDS

Riparian herbaceous allowable use criteria = See [ ] figure for each site
Upland herbaceous allowable use criteria = 50%
Woody browse in riparian (new leader growth, twig count)= 30%

Grazing Unit/Monitoring Site	Riparian		Upland	Woody Sp
Lower Basin Creek				
Basin Creek 1	[6"}	8"	<10-30%	<5%
Basin Creek 2	[6"}	6.5"	nd	<5%
Upper Basin Creek				
Sunday Creek	[6"]	<5%	nd	nd
Hay Creek	[6"]	nd	nd	nd
Little Basin Creek				
Little Basin Creek 1	[6"]	5.5-6"(6-8")	nd	<10%
Little Basin Meadow 1	[6"]	4.5-5"(4-5")	nd	<10%
Little Basin Meadow 2	[6"]	6"	nd	<20%
Harden				
Coal Creek	[4"]	3.5-5"(2-4")	<10%	70-80%
[The following pastures were rested from grazing during 1997]				
Lower Thompson Creek				
Thompson 1	[6"]	12"	nd	10-20%++
Thompson 2	[6"]	12"	nd	10-20%
Middle Thompson Creek				
Thompson 3	[6"]	12"	nd	10%
Upper Thompson Creek				
Thompson 4	[6"]	12"	nd	10%
Peach Creek				
Peach Creek	[4"]	12"+	nd	nd

Muley Creek				
Muley Creek	[4"]	12"+	nd	10%

++ Range of utilization based on several transects and/or ocular/stubble height measurements. Figures in ( ) are use measurements/estimates taken during or end of time pasture was being grazed. No data=nd

ALLOTMENT DISCUSSION AND COMMENTS

The 1997 grazing season brought implementation of the second phase of a new Allotment Management Plan (AMP) on the newly formed Salmon River Breaks (SRB) Allotment. Cattle grazing with close to full permitted numbers was conducted on the upper SRB units (Lower & Upper Basin Creeks, Little Basin Creek, Hay Creek and Harden Pasture) according to Year 2 of the AMP. The permittee delayed turnout on the allotment to avoid the 4th of July weekend and associated recreational use occurring in the Basin Creek area. Cattle were trailered to the Basin Creek trailhead, then trailed directly to the Little Basin, Upper Basin Creek and Hay Creek units. The bulk of the grazing use during the first half of the season (month of July) occurred in the Little Basin meadow area. Cattle were trailed in one day to the next scheduled unit, Harden pasture. Riparian utilization standards were generally met for residual stubble heights and woody species use. Early season use pastures (prior to Aug. 1) showed some greenline regrowth prior to seasons end. Above normal spring and summer precipitation produced abundant forage growth throughout the allotment area.

An exception to utilization standard attainment was lower Coal Creek in the Harden pasture where woody utilization at seasons end was 70-80% (standard was 30%). Cattle drift back into this drainage following the move into the Harden pasture was the cause for this overuse. Repeated efforts by the permittee to move cattle back to upland areas was only marginally successful in keeping this drainage clean, so the permittee began removal of returning drifting cattle. More than 1/2 of the cattle were removed from the allotment before the 1st of September. A tentative location for additional drift fencing has been identified to address this distribution problem. Fencing will be installed prior to the next scheduled use of this area.

Cattle use (unauthorized grazing) from drift from the adjoining Stanley Basin C&H Allotment, Sawtooth National Recreation Area (SNRA), has been a historic problem in the Basin Creek area prior to the 1995 season. This drift occurred during the 1997 season primarily in the Lower Basin Creek unit and contributed the greater part of the grazing use measured in that area. Overall grazing use was still within standard, and better communication lines between permittees was established to deal with drift in an expedient manner in the future.

The lower SRB pastures of the Thompson Creek units, Peach and Muley Creek pastures were scheduled for rest during 1997. Monitoring of seasons end stubble heights at key area monitoring sites indicated that only incidental grazing use from wildlife occurred in these pastures. Monitoring also noted that a minor amount of cattle drift into the lower end of the Peach Creek pasture occurred during the late fall from adjoining private lands.

SQUAW CREEK

SECTION 7 WATERSHED

SQUAW CREEK WATERSHED
1997 GRAZING RESULTS
SQUAW CREEK ALLOTMENT & SUBDIVISION

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
473	6/16	9/30	1687	300	7/6	9/20	770*	300	7/14	11/7	1150

* H.M.'s and season end off date dependent on reaching proper use levels

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Upper Squaw (west)	7/14	8/24	4"-6"	50%	(1)	
Upper Squaw (east)	REST					
Trealor	8/25	9/24	4"-6"	50%		
Lower Squaw	9/25	10/20	4"-6"	50%		
Riparian Pasture	9/15	10/1	6"	50%	(Trailing use only)	
Kinnikinic Pasture	10/21	11/7	4"	50%		

(1) Results reported below in comments section

OTHER ACTIONS/MITIGATION MEASURES

Effective riding and salting to keep cattle out of riparian areas--accomplished

Maintenance and reconstruction of improvements necessary to implement strategy--accomplished

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

Trend Studies

Photo trend monitoring was continued in association with allotment/fish habitat monitoring and grazing utilization monitoring. Data from these evaluations and monitoring will provide the basis for subsequent trend determinations following future reevaluations and remeasurements.

Allotment/fish habitat monitoring was conducted at 3 key locations.

ATTAINMENT OF ALLOTMENT UTILIZATION STANDARDS

Riparian herbaceous allowable use criteria = See [ ] figure for each site
Upland herbaceous allowable use criteria = 50%
Woody browse in riparian (new leader growth)= 50%

Grazing Unit/Monitoring Site	Riparian			Upland	Woody Sp
Upper Squaw Pasture					
Squaw Creek 2	[6"]	5"		nd	<20%
Martin Creek	[4"]	10"		nd	nd
Squaw Creek 3	[6"]	9"		nd	20%
Trealor (Middle) Pasture					
Trealor Creek	[4"]	4"	(3-4")	nd	<5%
Squaw Creek below Trealor	[6"]	4.5"	(4-6")	nd	<15%
Lower Squaw Pasture					
Squaw Creek 1	[6"]	nd	(6"+)	nd	nd
Second Creek	[4"]	6"		nd	<5%
Cash Creek	[6"]	9"	(2-12")	nd	<5%
Squaw Creek Riparian Pasture					
Lower	[6"]	12"+		nd	<5%
Upper	[6"]	12"+		nd	<5%
Kinnikinic Pasture					
Kinnikinic Creek	[4"]	6"	(4")	nd	<5%
Cabin Creek	[4"]	5-6"	(4")	nd	<5%
Transfer Creek	[4"]	5"	(4")	nd	<10%

++ Range of utilization based on several transects and/or ocular/stubble height measurements. Figures in ( ) are use measurements/estimates taken during or end of time pasture was being grazed.

ALLOTMENT DISCUSSION AND COMMENTS

Overall, allotment utilization standards were either met or within acceptable levels. Riding was used effectively by the permittee to extend individual pasture and allotment use longer than anticipated. Contributing factors were plentiful spring and summer precipitation which produced abundant herbaceous forage and woody species growth, green/fresh forage long into the season, and a relatively mild fall without early heavy snowfall.

Grazing use in the east side of the Upper Squaw Creek pasture was minimized by frequent checks and riding to move cattle that drifted in from the west side of this unit. The objective of rest of the east side of this pasture unit to allow establishment of erosion prevention seeding along roads in the Aspen Creek Timber Sale area was substantially accomplished.

In early September the permittee brought approximately 100 pair of his cattle from the adjoining Garden Creek Allotment (also under permit to the same permittee) to join his Squaw Creek Allotment cattle herd while in the Trealor Creek pasture. This livestock move was the result of utilization standards being reached on the Garden Creek Allotment and a request by the administering Forest Service Ranger District for early removal of cattle from that range. These cattle pairs were removed from the Squaw Creek Allotment in 2 to 3 weeks. They were shipped by the permittee along with a majority of the calves from the Squaw Creek cattle herd to private pastures in the Challis area. Gathering of the pairs and calves occurred into a portable corral setup along the Squaw Creek road at the division fence between Trealor and Lower Squaw Creek pastures.

The concept of weaning and removal of calves before season end and continued grazing by dry cows for the remainder of season shows promise in improving livestock distribution and reduced pressure on riparian areas. The location and timing of calf weaning and shipping at portable facilities along the Squaw Creek road within the allotment (instead of on private lands approximately 4 miles south of the allotment as initially envisioned) resulted in some unanticipated problems in subsequent livestock herding and heavier than prescribed grazing use. Cows were trailed back to upland grazing areas in the Trealor pasture following shipping of their calves, but for 2 to 3 days they repeatedly returned to the portable corral area despite the permittee's efforts. Results of these cattle movements and patterns was riparian grazing use along Squaw Creek (approximately 1/2 mile) to a residual greenline stubble height of about 4" (standard is 6" stubble height in this area). This was the only riparian "hot spot" on the allotment in 1997. Other than herbaceous forage removal in excess of desired level, no effects to streambank integrity nor aquatic habitat features were noted.

Cooperative efforts by the permittee to reconfigure 1/2 mile of fence along Cash Creek (Improvement #030112) resolved riparian grazing problems in a bottleneck area identified in past years as receiving heavy grazing use from the Trealor and Lower Squaw Creek pastures sides of the fence. The permittee also cooperated in reconstruction of 3/4 mile of allotment boundary fence at Boundary Creek (Improvement #030125) where Squaw Creek Allotment adjoins BLM administered lands also grazed by the permittee. Forest Service personnel completed reconstruction and expansion of protective fencing around the water source for Mud Springs Water Development (Improvement # 030164 A).

SQUAW CREEK WATERSHED
1997 GRAZING RESULTS
SQUAW CREEK ALLOTMENT/BAYHORSE SUBDIVISION

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
142	7/16	9/30	364	142	7/16	9/30	364	142	7/21	9/10	237
60	7/16	9/30	154	60	7/16	9/30	154	60	7/23	9/10	100

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Juliette	7/21	8/15	4"-6"	50%	(1)	
Happy Hollow	8/16	9/10	4"	50%	(1)	

(1) Results reported below in Comments section

OTHER ACTIONS/MITIGATION MEASURES

Riding, salt placement to keep cattle out of riparian areas-limited accomplishment
Maintenance of improvements necessary to implement strategy-accomplished (see additional note under comments)

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

Trend Studies

Photo trend monitoring was continued in association with allotment/fish habitat monitoring and grazing utilization monitoring. Data from these evaluations and monitoring will provide the basis for subsequent trend determinations following future reevaluations and remeasurements.

Allotment/fish habitat monitoring was conducted at one key location.

ATTAINMENT OF ALLOTMENT UTILIZATION STANDARDS

Riparian herbaceous allowable use criteria = See [ ] figure for each site
Upland herbaceous allowable use criteria = 50%
Woody browse in riparian (new leader growth)= 50%

Grazing Unit/Monitoring Site	Riparian		Upland	Woody Sp
Juliette Pasture				
Bayhorse 1	[6"]	4" (4-4.5")	(50%)	30%++
Bayhorse 2	[6"]	3.5" (3-3.5")	(50-60%)	40-45%
Bayhorse Lake	[#]	nd	nd	nd
Corral	[4"]	4" (4")	nd	40-45%
Happy Hollow Pasture				
Juliette Basin	[4"]	2-4" (5-9")	nd	nd
Happy Hollow	[4"]	2-3"	nd	90%

++ Range of utilization based on several transects and/or ocular/stubble height measurements. Figures in ( ) are use measurements/estimates taken during or end of time pasture was being grazed. # Bayhorse Lake excluded from grazing use-monitor site not read in 1997. No data=nd

ALLOTMENT DISCUSSION AND COMMENTS

Utilization standards for riparian areas were exceeded at 3 of 5 monitored, key locations on the allotment. General observations of utilization patterns over the allotment indicate that all accessible forage producing areas of dry meadows, open parks and ridges, and riparian stingers are being utilized with many areas receiving 50% use. Utilization standards were met and in some areas exceeded a month before the end of the prescribed use season. Despite increased efforts by the permittees to distribute grazing use outside key riparian/streamside areas during the past 3 years, actual grazing time on the allotment has only been 2/3's or less of the season length prescribed in their Term Grazing Permits.

Livestock turnout on the Allotment was delayed as in the last 2 years due to lingering snow at high elevations and range readiness. Forage production appeared good initially, but cool summer temperatures limited the benefit of the season's above normal precipitation in producing further plant growth/regrowth. Large bands (100+ head) of elk inhabit the allotment area and moderate grazing use by these animals occurred prior to/during cattle presence. An inspection of upper Juliette Basin in the Happy Hollow pasture prior to the cattle move to the unit found that 25-30% grazing use by elk had already occurred within one riparian key monitoring area; a wet meadow in the vicinity had been grazed to a 2-3" residual stubble height. The buck and pole fence excluding cattle from the Bayhorse Lakes Recreation area was extended in several areas previously thought to be natural barriers to cattle movement. Open gates and other circumstances resulted in light to moderate grazing use occurring around the lake. Reconstruction of the Juliette Unit Fence #030118 was not accomplished, but did not significantly effect pasture integrity.

MARSH CREEK

SECTION 7 WATERSHED

MARSH CREEK WATERSHED*
1997 GRAZING RESULTS
CAPE HORN S&G ALLOTMENT

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
1750	6/20	10/19	7117	1650	6/27	10/1	5330	1650	6/27	10/1	5330

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Dry/Kelly Creek	6/27	7/23	4"-6"	45%	(1)	
Lower Swamp/Vader Cr	7/23	8/2	"	"		
Valley Creek	7/21	8/2	6"	"		
Capehorn Creek	8/4	8/10	6"	"		
Beaver Creek	8/11	8/31	6"	"		
Knapp Creek (Upper)	9/1	9/10	4"-6"	"		
Swamp/Vader Creek	9/11	10/1	4"-6"	"		

(1) Results reported below in comments section

OTHER ACTIONS/MITIGATION MEASURES

Herding/routing system of management, herd bedding requirements-accomplished

Exclusion of streamside grazing, watering, crossing after August 15 on specific stream reaches: Marsh Creek, Capehorn Creek, Valley Creek, and lower segments of Knapp Creek-accomplished

Review of sheep crossings on Knapp, Winnemucca and Upper Beaver Creeks-partially accomplished

Maintenance of improvements necessary to implement strategy-accomplished

* Includes portion of the Valley Creek Section 7 Watershed.

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

Trend Studies

Photo trend monitoring was continued in association with allotment/fish habitat monitoring and grazing utilization monitoring. Data from these evaluations and monitoring will provide the basis for subsequent trend determinations following future reevaluations and remeasurements.

Allotment/fish habitat monitoring was conducted at four key locations

ATTAINMENT OF ALLOTMENT UTILIZATION STANDARDS

Riparian herbaceous allowable use criteria = See [ ] figure for each site
Upland herbaceous allowable use criteria = 45%
Woody browse in riparian (new leader growth) = 50%

Grazing Unit/Monitoring Site	Riparian		Upland	Woody Sp
Valley Creek **				
Valley Creek	[6"]	11"	nd	30% ++
Dry/Kelly Creek				
Lower Kelly Creek	[6"]	17"	nd	nd
Upper Kelly Creek	[4"]	nd	nd	nd
Swamp/Vader Creeks				
Swamp Creek	[6"]	10"	nd	25%
Capehorn Creek				
Lower Capehorn Creek	[6"]	14"	nd	nd
Upper Capehorn Creek	[6"]	9"	nd	60%
Knapp Creek				
Upper Marsh Creek	[6"]	12"	nd	20-25%
Lower Knapp Creek	[6"]	9"	nd	45%
Upper Knapp Creek	[4"]	12"	nd	45-50%
Beaver Creek				
Lower Marsh Creek	[6"]	14"	nd	30%
Lower Beaver Creek	[6"]	7"	nd	40%
Upper Beaver Creek	[6"]	nd	nd	30%

++ Range of utilization based on several transects and/or ocular/stubble height measurements. Figures in ( ) are use measurements/estimates taken during or end of time pasture was being grazed.

** Portion of Capehorn Allotment in Valley Creek Section 7 Watershed.

ALLOTMENT DISCUSSION AND COMMENTS

Grazing utilization estimates for herbaceous vegetation in riparian areas on the allotment were at levels well within allowable use standards for key location monitor sites. These finding were consistent with measurements and observations of the pattern and amount of grazing use by sheep bands on this allotment the past 2 years.

Late arrival of summer weather and a high spring runoff combined to delay range readiness and entrance of the first band of sheep on the allotment by one week from the traditional turnout date. Winter and spring conditions also contributed to the washout of a culvert on the main Cape Horn road at Kelly Creek and the collapse of the sheep bridge across Marsh Creek by the confluence of Knapp Creek. The Kelly Creek culvert was replaced prior to the time access was needed by transport trucks for shipping of lambs from the allotment. Cooperative efforts by the permittee and Forest Service were needed to replace the Marsh Creek sheep bridge. Timing of this effort caused a 5 day delay in scheduled pasture change for one sheep band, but no grazing problems resulted.

Above normal spring and summer precipitation produced abundant herbaceous forage and woody species growth, green/fresh forage long into the summer, all which contributed to excellent conditions for rangeland grazing. Effective sheep herding and adherence to the routing schedule resulted in good livestock distribution and utilization of suitable grazing areas on the allotment. No particular problems were noted during the grazing use season. Moderate to heavy browsing use of riparian associated woody species observed at season end by monitoring personnel was attributed primarily to wild ungulate use (deer and elk).

A District Fish Biologist visited the vicinity where sheep cross upper Knapp Creek in 1996 and determined that a designated crossing area or sheep bridge are not currently needed. This area and other crossing zones on Winnemucca and upper Beaver Creeks will be reviewed again in subsequent seasons for the same determinations.

EAST FORK SALMON RIVER

SECTION 7 WATERSHED

EAST FORK SALMON RIVER WATERSHED
1997 GRAZING RESULTS
PINE CREEK ALLOTMENT

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
122	7/1	9/30	374	122	7/16	9/30	312	121	8/9	9/30	210

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Pine/Fox Creeks	8/9	9/7	4"	50%	(1)	
			30% on aspen regen.			
Sheep Creek	9/8	9/30	4"	50%		

(1) Results reported below in comments section

OTHER ACTIONS/MITIGATION MEASURES

Riding, salting to keep cattle out of riparian areas-substantial accomplishment

Maintenance of improvements necessary to implement strategy-accomplished

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

Trend Studies

Photo trend monitoring was initiated or continued in association with Allotment/fish habitat monitoring, grazing utilization monitoring, and a newly established aspen regeneration monitoring transect. Data from these evaluations, surveys and monitoring will also provide the basis for subsequent trend determinations following future reevaluations and remeasurements.

Allotment/fish habitat monitoring was conducted at one key location

R1/R4 fish habitat survey of lower Pine Creek was conducted through a joint FS/ effort. The stream segment from the confluence with the East Fork Salmon River up to the FS/BLM boundary was completed. Survey of higher reaches of Pine Creek (portions within FS Pine Creek Allotment) were not accomplished in 1997.

ATTAINMENT OF ALLOTMENT UTILIZATION STANDARDS

Riparian herbaceous allowable use criteria = See [ ] figure for each site
Upland herbaceous allowable use criteria = 50%
Woody browse in riparian (new leader growth twig count))= 50%
Aspen sprout woody nipping-Pine Creek riparian zone= 30%

Grazing Unit/Monitoring Site	Riparian		Upland	Woody Sp
Pine/Fox Creek				
Fox Creek	[4"]	4.5" (4")	25-50%	(20%)++
Pine Creek	[4"]	4" (4")	nd	38% * (37-54%)
Sheep Creek				
Sheep Creek 1	[4"]	10" (8")	nd	42% *
Sheep Creek 2	[4"]	7" (5")	10-40%	<10%

++ Range of utilization based on several transects and/or ocular/stubble height measurements. Figures in ( ) are use measurements/estimates taken during or end of time pasture was being grazed. No data=nd. * Use on aspen regeneration

ALLOTMENT DISCUSSION AND COMMENTS

The 1997 season was the first year of grazing management of the Pine Creek Allotment in close link with the adjoining Herd Creek Allotment and three BLM allotments all held by the same permittee. Livestock that grazed Pine Creek were some of the same cattle starting the season on area BLM allotments, then progressing to Herd Creek, on to Pine Creek and back to Herd Creek for season end. Above normal spring and summer precipitation and abundant forage growth contributed to a delayed entrance (approximately 3 weeks) of cattle into the allotment and ability to remain until the traditional removal date of September 30.

Utilization standards for residual herbaceous stubble height for riparian areas were met at seasons end at all 4 key monitoring sites. Upland plant utilization and browsing use of woody riparian species was also within prescribed limits in most areas with the exception of the Pine Creek drainage. A 1996 interagency/permittee site review of Pine Creek determined that aspen was the key plant species in this drainage related to riparian/aquatic habitat condition and stability. Monitoring of livestock grazing utilization in 1997 was targeted to browsing use of young aspen and resulting clone regeneration success. End of season measurements of browsing on aspen sampled over a large segment of Pine Creek indicated use of 38% where the standard was 30%. A transect established in 1996 to provide a reference condition for future year measurements of existing young aspen escapement from browsing/grazing use (attain 5'-6' height) was remeasured, and additional data was gathered in conjunction with browsing use measurements. The degree that wild ungulate browsing contributed to total aspen use was unknown. Deer sign was prevalent along the Pine Creek riparian zone at the time of utilization sampling.

EAST FORK SALMON RIVER WATERSHED
1997 GRAZING RESULTS
HERD CREEK ALLOTMENT

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
30	6/16	10/31	135*	100	7/1	7/31	100*	100	7/17	8/7	60*+
636	6/16	10/31	2862*	260	6/1	6/15	130*	0			0 *
				356	6/16	7/15	356*	373	6/24	8/15	556*
				122	10/1	11/15	187*	120	11/9	12/2	90*

*60% of total HM are permitted on NF administered lands; 40% on BLM/State
+Permittee grazed shorter season with greater numbers of cattle

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Spring Gulch (trailing use)	8/4	8/15	6"	50%	(1)	
Taylor/ McDonald	11/9	12/2	4"-6"	50%	(2)	
Lake Basin			rest		(2)	
Herd Lake	6/24	8/15	4"-6"	50%	(1)	

(1) Grazing units primarily on BLM administered lands and monitored by BLM
(2) Grazing units primarily on USFS administered lands; results reported below in comments section

OTHER ACTIONS/MITIGATION MEASURES

Active herding, supervised trailing - accomplished
No streamside grazing after chinook presence/August 10 - accomplished
Livestock removal once use standards met/chinook presence - accomplished
Maintenance of range improvements necessary to implement strategy - partly accomplished (see additional note under grazing results)
No grazing use on Herd Creek above Lake Creek, East Pass Creek, West and East Forks of Herd Creek-substantial accomplishment

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

Trend Studies

Photo trend monitoring was continued in association with allotment/fish habitat monitoring, and grazing utilization monitoring. Data from these evaluations, surveys and monitoring will also provide the basis for subsequent trend determinations following future reevaluations and remeasurements.

Allotment/fish habitat monitoring was conducted at three key locations based on limited extent of scheduled grazing use.

ATTAINMENT OF ALLOTMENT UTILIZATION STANDARDS

Riparian herbaceous allowable use criteria = See [ ] figure for each site
Upland herbaceous allowable use criteria = 50%
Woody browse in riparian (new leader growth = 30%

Grazing Unit/Monitoring Site	Riparian		Upland	Woody Sp
Taylor/McDonald				
East Pass 1	[6"]	10"+	nd	nd
East Pass 2	[6"]	10"+	nd	5
Taylor 1	[4"]	6"	<10	10-25 ++
Taylor 2	[4"]	4"-6"	10-40	<25
McDonald 1	[4"]	4"-6"	nd	20
McDonald 2	[4"]	4"	<10	nd
Lake Basin				
Lake Basin 1	[4"]	<10%	nd	60 #
Lake Basin 2	[4"]	6"	<5	80
Lake Basin 3	[4"]	5.5""	nd	15-80
East Fork 1	[6"]	12"+	nd	nd *
East Fork 2	[6"]	12"+	nd	<10 *
Hell Canyon	[4"]	16"+	nd	nd *
Herd Creek 1	[6"]	12"+	nd	nd
Herd Creek 2	[6"]	12"+	nd	nd
West Fork 1	[6"]	11"	nd	nd
West Fork 2	[6"]	10"+	nd	<15

++ Range of utilization based on several transects and/or ocular/stubble height measurements. Figures in ( ) are use measurements/estimates taken during or end of time pasture was being grazed.

Monitor site does not have greenline herbaceous vegetation along stream edge. <10% use observed on scattered herbaceous cover withing riparian aspen stand. Woody use is % nipping on young aspen.

* Measurements taken before late (Nov-Dec) unauthorized grazing.

ALLOTMENT DISCUSSION AND COMMENTS

Prescribed early season use on the Herd Lake unit was delayed several weeks. Above normal spring and summer precipitation allowed permittees to delay turnout and take advantage of abundant forage growth and surface water availability which aided in holding cattle in upland grazing areas. One permittee grazed more cattle for a shorter period in a geographically separate part of the unit, but reached prescribed use levels in 22 instead of 30 days (see the BLM's Herd Creek Allotment summary for grazing results).

Utilization standards for riparian areas were met at season's end at monitoring sites in the Taylor/McDonald unit, the second pasture on the allotment prescribed for use in 1997. Upland plant utilization and browsing use of woody riparian species was also within prescribed limits. Grazing use of this unit was scheduled for the fall (Oct. 1-Nov. 15) with dry cows to avoid most of the livestock distribution patterns that occur during the hot season (August-September) with cow/calf pairs. Actual cattle use occurred 5 weeks later than scheduled with results that exceeded the expectations of improved livestock distribution into upland areas with late season grazing. Additional observed results included growing season deferment (ie, grazing occurred after plant dormancy), only light to moderate woody species use (fall selective browsing of willow did not occur), limited accessibilty of streamside vegetation to grazing and streambanks to livestock hoof action (ground was frozen and many stream segments had ice cover).

The Lake Basin unit was scheduled for rest during the 1997 season. Livestock drift from adjacent cattle allotments and the Herd Lake unit was recognized as a likely occurrence in this pasture. Drift did occur from the Herd Lake area which resulted in light to moderate grazing use (prior to September) in the upper reaches of Lake Basin Creek in areas closest to the boundary between units. This use was detected during a mid-September inspection which at the time indicated that no other livestock use had occurred in the lower elevation sections of the Lake Basin unit (ie. East Fork Herd Creek and Hell Canyon). Residual greenline stubble height measurements at key streamside areas were measured in the range of 5.5" to 16". Woody species utilization on streamside areas in mid September was highly variable ranging from <10% to 80% of current years growth. Some monitoring sites received 60%- 80% use (species vary from potentilla, willow, aspen), very similar to observed browsing use patterns in these same areas following the 1995 and 1996 grazing seasons. In some cases concurrent cattle and wild ungulate use contributed to the heavy browsing, and in others wildlife use alone was the source of browsing.

Late season cattle drift from the adjoining Twin Bridges Allotment occurred and was reported in late November by hunters in the Hell Canyon, lower Lake Basin area. Seven head (3 pairs and 1 heifer) of Twin Bridges cattle were removed in early December from this area. Reports of some grazing use by these cattle in areas of the Lake Basin unit were received, but the Forest Service was not able to monitor the degree of utilization. Major riparian areas-main Herd Creek above East Pass, East Fork Herd Creek below Hell Canyon fence, West Fork of Herd Creek and lower East Pass Creek received no cattle use, mid and lower Herd Creek only incidental drift use resulting in achievement of the 1997 season objectives and grazing strategies for key stream segments.

BASIN CREEK

SECTION 7 WATERSHED

BASIN CREEK WATERSHED

The Salmon River Breaks Allotment data is reported in the THOMPSON CR WATERSHED section.

PAHSIMEROI

SECTION 7 WATERSHED

PAHSIMEROI WATERSHED
1997 GRAZING RESULTS
BIG CREEK ALLOTMENT

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
35C/c	6/15	9/15	106					--	--	---	----

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

i.e. Trend studies, Greenline, Streambank Stabilty, etc

No livestock grazing this season.

PAHSIMEROI WATERSHED
1997 GRAZING RESULTS
FLAT IRON ALLOTMENT

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
800 SHEEP	6/15	9/15	485					--	--	---	----

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

i.e. Trend studies, Greenline, Streambank Stabilty, etc

No livestock grazing this season.

PAHSIMEROI WATERSHED
1997 GRAZING RESULTS
LITTLE MORGAN CREEK ALLOTMENT

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
115y	6/16	9/9	322	115y	6/16	9/9	322	115y	6/16	9/9	322

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Fred & Mary	6/16	7/25	50%	50%	50%-estimate-50%	
Poison Basin	7/26	9/9	50%	50%	50%-estimate-50%	

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

i.e. Trend studies, Greenline, Streambank Stabilty, etc

1997 GRAZING RESULTS
PAHSIMEROI ALLOTMENT

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
674	6/6	9/28	2561	674	6/6	9/28	2561	674	6/6	9/28	2561

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Road Unit (lower)	6/6	6/16	N/A	N/A	N/A	N/A
Road Unit (upper)	6/17	7/12	"	"	"	"
Christain Gulch	7/13	7/23	"	"	"	"
Mahogany Upland	7/24	8/22	"	"	"	"
Spring Hill Upland	8/23	9/16	"	"	"	"
Spring Hill Flat	9/17	9/28	"	"	"	"
Mahogany Creek Ripar.	REST	REST	REST	REST	45*	<10*

* Ocular estimate - See notes below

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

Critical habitat designated only within the Mahogany Creek Unit. Area did receive grazing use from trespass cattle not belonging to the permittees. The area was trespassed upon from the BLM allotment adjoining to the east. Judd Whitworth is permittee on the BLM allotment. Salmon District of the BLM is currently pursuing a solution to this problem.

The Forest Service took an additional corrective action by placing a cattleguard at a problem gate location. Problems with keeping this gate closed has been directly linked to trespass problems here in the past.

Retook Mahogany Creek photopoints 1-4 on 9/3/97.

PAHSIMEROI WATERSHED
1997 GRAZING RESULTS
SPRING GULCH ALLOTMENT

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
90C/c	7/16	8/30	134	90C/c	7/16	8/30	134	90C/c	7/16	8/30	134

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Spring Gulch	7/16	8/30	3-4"		3-4" (estimated)	

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

Photographs on file.

1997 GRAZING RESULTS
UPPER PAHSIMEROI ALLOTMENT

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
226	6/1	8/31	693	226	6/1	8/31	693	226	6/1	8/15	573

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Spruce Gulch	6/1	6/16	4"	50%	*BLM	<30%
East Fork	6/17	7/17	4"	50%	4.0"	<30%
West Fork	7/18	8/19	4"	50%	3.5"	<30%
Rock Creek	8/20	8/31	4"	50%	*BLM	<30%

* BLM, Salmon District, monitored the main Pahsimeroi River while livestock were in Spruce Gulch and Rock Creek Units.

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

Post grazing photos taken on East Fork and West Fork key areas on 9/3/97.

Early removal of livestock requested due to stubble standards having been met.

MIDDLE FORK

SECTION 7 WATERSHED

MIDDLE FORK WATERSHED
1997 GRAZING RESULTS
MIDDLE FORK ALLOTMENT

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
40	05/01	09/01	161	40	05/01	09/01	161	40	05/01	08/20	149
40	11/20	12/20	41	40	11/20	12/20	41	4	11/20	12/16	4

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Sheep Creek	05/01	07/30	45%	40%	<10%	<10%
Sheep Creek	07/31	09/01	45	40	<10%	<10%
Brush Creek	11/20	12/20	45	40	20%	20%

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

i.e. Trend studies, Greenline, Streambank Stabilty, etc

No trend studies, riparian evaluations, or streambank stability measurements were completed in 1997.

UPPER SALMON RIVER

SECTION 7 WATERSHED

Upper Salmon Watershed
1997 Range Monitoring Report
Cow Creek C&H Allotment

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
295	6/1	10/10	1278	295	6/1	10/10	1278	215	6/1	10/3	881

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Cow Creek	6/1	8/5	65%	50%	50%	--
North Fork	8/6	10/3	50%	50%	52%	--

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

Livestock were removed from the allotment prior to "off date" due to reaching allowable use standard.

UPPER SALMON RIVER WATERSHED
NORTH FORK WATERSHED
1997 GRAZING RESULTS
BURNS BASIN ALLOTMENT

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
90	6/1	8/31	276	90	6/1	8/31	276	117	6/2	8/31	355
36*	6/1	8/31	110	36	6/1	8/31	110				

*These numbers refer to the Little Fourth of July Unit which is grazed with the Lower Wagonhammer Unit. A total of 126 head are permitted to run in the Fourth of July Unit as well as the Burns Basin Allotment for a total of 386 Head Months.

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Lower Wagonhammer	6/02	6/11	5-6in stub	40%	9 in stub	<40%
Little Fourth	6/12	6/26	5-6in stub	40%	7 in stub	<40%
Burns Basin	6/27	7/18	5-6in stub	5-6in stu	5 in stub	5.5in stb
Lower Silverleads	7/19	8/04	5-6in stub	40%	8 in stub	<40%
Upper Silverleads	8/04	8/18		40%		40%
Upper Wagonhammer	8/19	8/31	5-6in stub	40%	6 in stub	<40%
Middle Wagonhammer	Incid. use		5-6in stub	40%	6 in stub	<40%

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

i.e. Trend studies, Greenline, Streambank Stabilty, etc

No trend studies were completed during the 1997 grazing season.

One Riparian evaluation was performed, in the fish unit along Wagonhammer Creek on 6/11/97.

The Level III riparian evaluations needed for the two main drainages have been completed. We will be rereading the evaluations beginning in 1998. The evaluations are reread every five years.

UPPER SALMON RIVER WATERSHED
1997 GRAZING RESULTS
CABIN CREEK ALLOTMENT

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
70	6/15	10/15	114	70	6/15	08/02	114	68	06/14	08/14	118

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Lower South Gulch	06/14	08/04	45%	45%	SEE BLM MONIT REPORT	

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

i.e. Trend studies, Greenline, Streambank Stabilty, etc

No trend studies, riparian evaluations, and streambank stabiliy measurements were taken during the 1997 grazing season. Allotment is managed in conjunction with an adjacent BLM allotment under a deferred rotation grazing system. The BLM administers the two allotments.

UPPER SALMON RIVER WATERSHED
1997 GRAZING RESULTS
DEER-IRON CREEK ALLOTMENT

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
321	06/16	06/30	161	321	06/16	06/30	161	320	06/16	06/30	133
421	07/01	10/07	1389	421	07/01	10/07	1389	420	07/01	10/07	1386

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Degan Mountain	Rested	Rested				
Peel Tree			50%	50%	50%	45%
South Fork Iron			50%	50%	50%	50%

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

i.e. Trend studies, Greenline, Streambank Stabilty, etc

No trend studies were completed in 1997.

Streambank stability measurements have been taken based on the Salmon and Challis NF's Streambank stability Monitoring Protocol (1993). Data compared to PACFISH Riparian Management Objective requiring >80 percent streambank stability for non-forested systems. Data is collected as part of core sampling monitoring.

Streambank stabilities taken at different stations are identified below.

Main Iron Creek	79 percent
North Fork Iron	92 percent
South Fork Iron	97 percent
West Fork Iron	87 percent

UPPER SALMON RIVER WATERSHED
LOWER SALMON RIVER WATERSHED
1997 GRAZING RESULTS
DIAMOND-MOOSE CREEK ALLOTMENT

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
698	6/1	10/10	2954	709	6/1	10/03	2954	709	6/1/	10/03	2954

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Bird-Comet Creek	6/1	8/01		45%		45%
Canoe Basin	6/1	8/01		50%		34%
Deriar Creek	6/1	8/01		45%		45%
Wicham	6/1	8/01		50%		48%
Dump Creek	6/1	8/01		50%		50%
Leesburg Stage Road	Rested					
Moose Creek	8/02	10/03	45%	45%	44%	44%

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

i.e. Trend studies, Greenline, Streambank Stabilty, etc

No trend studies, or riparian evaluation studies were completed in 1997.

Streambank stability measurements have been taken based on the Salmon and Challis NF's Streambank Stability Monitoring Protocol (1993). Data compared to PACFISH Riparian Management Objective requiring >80 percent streambank stability for non-forested systems. Data is collected as part of core sampling monitoring.

One section of Moose Creek had a streambank stability of 66 percent. Streambank stability on East Boulder Creek was 63 percent.

UPPER SALMON RIVER WATERSHED
1997 GRAZING RESULTS
HAT CREEK ALLOTMENT

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
518	6/26	10/10	1814	466	6/26	10/10	1,630	490	6/26	09/30	1,584

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Little Hat Creek	6/26	7/19	40%	50%	40%	45%
Big Hat Creek	7/20	8/11	35%	50%	38%	50%
Iron Mountain	8/12	9/30	50%	50%	50%	40%
Burn	9/03	9/30	50%	50%	45%	45%

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

i.e. Trend studies, Greenline, Streambank Stabilty, etc

No trend studies, or riparian evaluation studies were completed on the allotment during 1997. The Level III riparian evaluations needed for the main drainages on this allotment have been completed. We will be re-reading some of these evaluations beginning in 1998. The evaluations will be re-read every five years.

Streambank stability -

The Salmon & Challis NF's Streambank Stability Monitoring Protocol(1993) used. Data was compared to PACFISH Riparian Management Objectives requiring >80 percent streambank stability for nonforested systems.

No streambank stability measurements were taken in the Hat Creek drainage in 1997.

The meadows in Little Hat Creek and at the head of Big Hat Creek were fenced to prevent livestock use. Riparian use levels were close to being met in the Big Hat Creek Unit on 8/6. The permittee was told to move his cattle to the Iron Mountain Unit. The cattle were moved as requested. Some cattle drifted back into the Park Creek and Moose Creek meadows and the standard was exceeded before the cattle were removed.

We are in the process of finalizing an Environmental Assessment for the Hat Creek Allotment Management Plan (AMP). The decision on the AMP will be signed in September 1998. The preferred alternative will be to divide the Big Hat Creek Unit into two smaller units and rest one of these units every year. The plan will also call for development of six water developments at mid to high elevation to pull cattle out of the bottoms. Dividing the Big Hat Creek Unit into two smaller units will make it easier for the permittee to remove all his livestock when moving to another unit. Resting of the two units should improve vegetation condition in the those units. The AMP will also call for a 20 percent reduction in the season of use, numbers, or a combination of both.

UPPER SALMON RIVER WATERSHED
1997 GRAZING RESULTS
LAKE CREEK ALLOTMENT

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
106	07/01	10/31	431	106	07/01	10/31	431	106	07/01	10/31	431

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Below Ranch	Rested	Rested				
South Fork	7/01	8/15	50%	50%	35%	35%
North Fork	8/16	9/30	50%	50%	30%	30%
Camp Creek	10/01	10/31	50%	50%	35%	35%

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

i.e. Trend studies, Greenline, Streambank Stabilty, etc

No trend studies, riparian evaluation studies, or streambank stability measurements were completed on the allotment during 1997.

UPPER SALMON RIVER WATERSHED
1997 GRAZING RESULTS
NORTH BASIN ALLOTMENT

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
89	07/16	09/30	228	89	07/16	09/30	228	MONITORED BY BLM			
165	06/15	09/30	715	TOTAL NONUSE				TOTAL NONUSE			

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
North Basin	MONIT BY BLM		50%	50%	SEE BLM MONIT REPORT	
Watson Peak	TOTAL NONUSE					
Copper Basin	TOTAL NONUSE					
First Basin	TOTAL NONUSE					
Big Hill	TOTAL NONUSE					
McKim Creek	TOTAL NONUSE					

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

i.e. Trend studies, Greenline, Streambank Stabilty, etc

No trend studies, riparian evaluations, or streambank stability measurements were completed on the allotment during 1997. The Level III riparian evaluations needed for this allotment have been completed. The evaluations will be re-read every five years.

UPPER SALMON RIVER WATERSHED
1997 GRAZING RESULTS
SOUTH FORK WILLIAMS CREEK ALLOTMENT

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
180	06/16	10/15	732	180	06/16	10/15	732	180	06/16	10/09	696

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Heifer Pasture	06/16	07/05	45%	45%	30%	30%
Henry Creek	07/06	08/25	50%	50%	45%	45%
South Fork	08/26	10/15	50%	50%	50%	50%
Powder House	Rested	Rested				

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

i.e. Trend studies, Greenline, Streambank Stabilty, etc

No trend studies, or riparian evaluation studies were completed on the allotment during 1997.

Streambank stability measurements have been taken based on the Salmon and Challis NF's Streambank Stability Monitoring Protocol (1993). Data compared to PACFISH Riparian Management Objective requiring >80 percent streambank stability for non-forested systems. Data is collected as part of core sampling monitoring.

Streambank stability averaged 81% at one reach on Williams Creek above the Forest boundary.

UPPER SALMON RIVER WATERSHED
1997 GRAZING RESULTS
TWELVEMILE ALLOTMENT
TENMILE ALLOTMENT

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
47	05/01	07/15	118	47	05/01	07/15	118	47	05/01	07/15	118
125	07/16	09/20	279	125	07/16	09/20	279	125	07/16	10/04 *	338

* Permittee was granted a two-week extension from 9/21-10/04.

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Tenmile Allotment	05/01	07/15	6 in stub	50%	6"	30%
Twelvemile Bottoms	07/16	08/20	50%	50%	23%	45%
Porcupine Springs	08/21	10/04	50%	50%	45%	45%
Twelvemile Meadows	Rested	Rested				

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

i.e. Trend studies, Greenline, Streambank Stabilty, etc

No trend studies, or riparian evaluation studies were completed on the allotment during the 1997 grazing season.

UPPER SALMON RIVER WATERSHED
1997 GRAZING RESULTS
WILLIAMS BASIN-NAPIAS CREEK ALLOTMENT

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
668	06/11	10/30	2720	668	06/11	10/30	2720	668	06/11	10/30	2615

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Spring Creek	06/11	07/15	50%	65%	50%	45%
Phelan Creek	07/16	09/25	50%	50%	45%	45%
Spring Cr (low por)	09/26	10/10	50%	65%	50%	50%
Deep Creek	RESTED	RESTED				
Williams Bsn	RESTED	RESTED				

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

i.e. Trend studies, Greenline, Streambank Stabilty, etc

No trend studies, or riparian evaluation studies were completed on the allotment during 1997.

Streambank stability measurements have been taken based on the Salmon and Challis NF's Streambank Stability Monitoring Protocol (1993). Data compared to PACFISH Riparian Management Objective requiring >80 percent streambank stability for non-forested systems. Data is collected as part of core sampling monitoring.

The following streambank stability measurements were taken on the allotment during 1997:

Mouth Arnett Creek	79%
Mouth Deep Creek	93%
Napias Cr. above Phelan Cr.	67%
Napias Cr. below Rabbit Cr.	76%
Napias Cr. below Arnett Cr.	75%
Napias Cr. below Jefferson Cr.	54.5%
Napias Cr. above Sharkey Cr.	68%
Mouth of Phelan Creek	60.5%

LOWER SALMON RIVER

SECTION 7 WATERSHED

LOWER SALMON RIVER WATERSHED

The Diamond-Moose Allotment data is reported in the UPPER SALMON RIVER WATERSHED section.

LOWER SALMON RIVER WATERSHED
1997 GRAZING RESULTS
INDIAN RIDGE ALLOTMENT

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
140	5/23	9/30	611	0	TOTAL	NONUSE		0	TOTAL	NONUSE	

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

i.e. Trend studies, Greenline, Streambank Stabilty, etc

No trend studies, or riparian evaluations were completed during the 1997 field season. The Level III riparian evaluations needed for the main drainages on this allotment have been completed. We will be re-reading these evaluations beginning in 1998. The evaluations will be re-read every five years.

Streambank stability measurements have been taken based on the Salmon and Challis NF's Streambank Stability Monitoring Protocol(1993). Data compared to PACFISH Riparian Management Objective requiring >80 percent streambank stability for non-forested systems. Data is collected as part of core sampling monitoring.

Streambank stability of one section of Wagonhammer Creek averaged 87 percent.

LOWER SALMON RIVER WATERSHED
1997 GRAZING RESULTS
SAGE CREEK ALLOTMENT

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
30	6/1	9/30	122	0	TOTAL	NONUSE		0	TOTAL	NONUSE	

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

i.e. Trend studies, Greenline, Streambank Stabilty, etc

No trend studies, riparian evaluations, and streambank stability measurements were taken during the 1997 field season. The Level III riparian evaluations needed for the main drainages on this allotment have been completed. We will be re-reading these evaluations every 5 years.

PANTHER CREEK

SECTION 7 WATERSHED

PANTHER CREEK WATERSHED
1997 GRAZING RESULTS
MORGAN CREEK ALLOTMENT
PRAIRE BASIN UNIT

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
1,490	08/15	10/31	3824	Unit Rested in 1997				Unit Rested in 1997			

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Bulls Springs						
Priare Basin						
Duck Pond Bridge						
Upper Silver Creek						
Rabbit's Foot Turnoff						
Mid Panther Creek						
Association Pasture						
Johnly Gulch						
Morgan Creek Summitt						
Opal Creek						

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

i.e. Trend studies, Greenline, Streambank Stabilty, etc

No trend studies or riparian evaluation studies were completed in 1997.

Streambank stability measurements have been taken based on the Salmon and Challis NF's Streambank Stability Monitoring Protocol (1993). Data compared to PACFISH Riparian Management Objective requiring >80 percent streambank stability for non-forested systems.

Streambank stability measurements were taken on two reachs of Panther Creek during core sample monitoring averaged 80% and 87%.

PANTHER CREEK WATERSHED
1997 GRAZING RESULTS
FORNEY ALLOTMENT

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
266	06/01	10/30	1348	266	06/01	10/30	1348	264	06/09 *	10/30 *	1158

* One permittee grazed the allotment from 6/9 to 10/22 and the other permittee grazed the allotment from 6/19 to 10/30.

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Westside of Panther	06/09	07/15	30%	45%	30	35
Trealor/McGowan	07/26		45	45	40	40
Moyer Basin		10/30	45	45	40	40

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

i.e. Trend studies, Greenline, Streambank Stabilty, etc

No trend studies or riparian evaluation studies were completed in 1997.

Streambank stability measurements have been taken based on the Salmon and Challis NF's Streambank Stability Monitoring Protocol (1993). Data compared to PACFISH Riparian Management Objective requiring >80 percent streambank stability for non-forested systems. Data is collected as part of core sampling monitoring.

Percent streambank stability on two reachs of Moyer Creek were 96% and 84%. Streambank stability on one reach of Panther Creek above Musgrove Creek averaged 70 percent.

CAMAS CREEK

SECTION 7 WATERSHED

CAMAS CREEK WATERSHED
1997 GRAZING RESULTS
CAMAS CREEK ALLOTMENT

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
132	06/01	09/15	471	132	06/01	09/15	471	130	06/14	09/15	407

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Silver Creek	06/14	*	35%	45%	35%	35%
Camas Creek	*	08/10	45	45	34%	31%
West Fork	08/10	09/15	45	50	45%	50%

w

* Due to chinook spawning activitiy between 8/10-15, cattle were removed from Camas Creek before these dates or when spawning activity was observed. Livestock grazed in the Silver Creek Unit until high water in Camas Creek subsided enough to move cattle into the Camas Creek Unit or until forage utilization were met in the Silver Creek Unit.

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

i.e. Trend studies, Greenline, Streambank Stabilty, etc

No new studies were performed in the Camas creek allotment in 1997.

Streambank stability measurements have been taken based on the Salmon and Challis NF's Streambank Stability Monitoring Protocol (1993). Data compared to PACFISH Riparian Management Objective requiring >80 percent streambank stability for non-forested systems. Data is collected as part of core sampling monitoring.

Percent streambank stability on three reachs in Camas Creek were 68.5%, 56%, and 44%. Silver Creek had a streambank stability of 59%. Streambank stability in the West Fork of Camas was 48.5%.

NORTH FORK SALMON RIVER

SECTION 7 WATERSHED

NORTH FORK WATERSHED

The Burns Basin Allotment data is reported in the UPPER SALMON RIVER WATERSHED section.

LEMHI RIVER

SECTION 7 WATERSHED

LEMHI RIVER WATERSHED
1997 GRAZING RESULTS
WITHINGTON CREEK ALLOTMENT

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
60	07/16	09/30	154	77	07/16	09/30	154	60	07/16	10/06 *	166
17	07/16	09/30	44	17	07/16	09/30	44	0	07/16	10/06	
60	08/08	09/30	108	60	08/08	09/30	108	62	08/08	10/06	124

* Permittees were granted a six day extension.

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Hot Springs	07/16	08/07	45%	45%	30%	25%
Withington Creek	08/08	09/18	45%	45%	43%	38%
Mulkey Creek	09/19	10/06	45%	45%	45%	35%

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

i.e. Trend studies, Greenline, Streambank Stabilty, etc

No trend studies, riparian evaluation studies, or streambank stability measurements were completed on the allotment during 1997.

Because there is no presence of chinook salmon within the allotment boundary, this allotment was given a low monitoring priority.

Lemhi Watershed
1997 Range Monitoring Report
Agency Cr. Allotment

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
120	6/16	10/5	480	120	6/16	10/5	480	0			0

This allotment is in non-use status through 1998.

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

STUDIES CONDUCTED

A. Two, level III Riparian Evaluations (Greenline, woody stem regeneration and cross-section data) were completed in 1996.

Pasture Mountain Unit

Upper and Lower Pattee Creek Greenline
Upper greenline is PNV = 100, Lower greenline is Low Seral = 29
Upper Cross Section = PNC, 98. Lower Cross Section = Mid-seral, 51.
Woody Species, Upper = Seedling = 377, Sapling = 1, Mature = 0, Decadent = 0, Dead = 0.

Woody Species, Lower = Seedling = 21, Sapling = 30, Mature = 40, Decadent = 0, Dead = 2.

Greenline Stability Rating - Upper = 8.39, high, Lower = 9.2 very high.

B. No trend Studies were read in 1997.

C. Streambank Stability = Upper = 100%, Lower = 100%

NUMBER OF ALLOTMENT INSPECTIONS = 6

These inspections were done to check for use from livestock, which may have drifted from ajoining allotments or from the BLM.

NUMBER OF CAGES ESTABLISHED and in place at the start of the 1997 grazing season is one.

One cage is in the Bottom of Agency Creek(South Unit).

Lemhi Watershed
1997 Range Monitoring Report
Beyeler Pasture

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
2	6/1	11/30	Not to Exceed 8 HMs	2	6/1	11/30	Not to Exceed 8 HMs	2	6/1	11/30	8 HMs

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Beyeler	6/1	11/30	50%	50%	45%	40%

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

This pasture is comprised of 23 acres of private ground and 9 acres of USFS land, that are fenced in common.

This pasture is used at varying times of the year. All of this ground is upland and is estimated in mid seral condition.

The use was estimated when inspection was done in the fall.

STUDIES CONDUCTED

No studies were done in 1996.

NUMBER OF ALLOTMENT INSPECTIONS = 1

NUMBER OF CAGES ESTABLISHED IN 1997.= 0

Lemhi Watershed
1997 Range Monitoring Report
Cove Creek C&H Allotment

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
5	7/1	11/15	22	5	7/1	11/15	22	5	7/11	11/25	22

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Cove Cr.	7/11	11/25	NA	50%	NA	50%

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

The Cove Creek C&H allotment is not divided into units. The USFS portion of this allotment is grazed in common with the permittees private ground. The Cove Creek Allotment (USFS portion) is upland and comprises 2% of the total grazing area. Use of the USFS portion should not exceed 22 HMs.

STUDIES CONDUCTED

No new studies were done in 1997.

NUMBER OF ALLOTMENT INSPECTIONS = 2

Lemhi Watershed
1997 Range Monitoring Report
Deer Park C&H Allotment

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
170	6/16	10/5	634	170	6/16	10/5	634	170	6/17	10/05	629

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Deer Park	6/16	7/25	45%	45%	40%	35%
Adams Creek	7/26	8/20	45%	45%	45%	45%
North Fork	8/21	10/5	35%	45%	35%	38%

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

STUDIES CONDUCTED

A. No Riparian Evaluation studies were conducted in 1997.

B. No new Trend Studies were in stalled in 1997.

C. No Streambank Stability studies were read in 1997.

NUMBER OF ALLOTMENT INSPECTIONS = 4

NUMBER OF CAGES ESTABLISHED IN 1997 = 0

LEMHI WATERSHED
1997 GRAZING RESULTS
FLATIRON S&G ALLOTMENT

Currently the Flatiron S&G Allotment is in Non-Use and is being re-evaluated for change of livestock.

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
1000	6/15	9/1	350	1000	6/15	9/1	350	0			0

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Flat Iron			0	0	Est.10-15%	

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

Unauthorized livestock, from the adjacent allotment, were discovered mid-season. Light use-10% to 15%-on the upland spring areas and Main Timber Creek bottom occured. Since this has occured in other years, the permittee was sent a letter warning of partial permit suspension if it occurs again.

NUMBER OF ALLOTMENT INSPECTIONS = 3

No new studies have been conducted on this allotment.

Lemhi Watershed
1997 Range Monitoring Report
Gilmore C&H allotment

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
22	7/1	10/31	88	22	7/1	10/31	88	88	7/1	10/31	88
11	8/1	10/31	33	11	8/1	10/31	33	11	8/1	10/31	33

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Gillmore	7/1	10/31	50%	50%	50%	45%
	8/1	10/31				

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

The Gilmore C&H allotment is not divided into units. The USFS portion of this allotment is grazed in common with the BLM Spring Canyon Allotment. The Gilmore Allotment (USFS portion) comprises about 4% of the total area. This allotment will be grazed as one unit season long for the above listed numbers and dates. Use on the USFS land should not exceed 121 head months.

A. Riparian Evaluation: No new riparian evaluations were conducted this year, 1997.

B. Trend Studies: No new trend studies were conducted this year, 1997.

C. Streambank Stability:No streambank stabilities were conducted in 1997.

NUMBER OF ALLOTMENT INSPECTIONS = 2

Inspections were made in the fall, to check utilization and for livestock removal by the off date.

NUMBER OF CAGES ESTABLISHED IN 1997 = 0

Lemhi Watershed
1997 Range Monitoring Report
Grizzley Hill C&H Allotment

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
529	6/1	10/31	2698	529	6/1	10/31	2698	529	6/03	10/26	2539
442	6/21	10/31	2257	509	6/21	10/31	2257	304	6/22	10/26	1287
								158	6/30	10/26	627

21 head are exempt due to permit on state land.

AGREED UPON ACTIONS:

Based on the utilization standards in the grazing monitoring procedures (FLRMP as amended 1992), the maximum utilization levels for each unit are ts follows:

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
1 Switchback 529 hd.	6/1	6/22	45%	45%	20%	10%
2 Freestrip 833 hd.	6/22	7/15	30%	45%	25%	15%
138 hd.	6/30	7/15				
3 Up.Salt Cr. 40% herd	8/26	9/16	40%	45%	35%	30%
Frank Hall/Wildcat	7/16	8/26	30%	45%	35%	30%
Wagonbox 60% herd	7/16	8/16	45%	45%	45%	45%
4 Grizzly Hill 60% hrd	8/17	10/1	50%	45%	45%	20%
5 Willow Sprgs 40% hrd	9/17	10/31	45%	45%	37%	30%
6 Hood Gulch 60% herd	10/1	10/25	30%	45%	37%	30%
7 Lwr Salt Cr.40% herd	10/25	10/31	45%	45%	35%	30%
Railroad Canyon Weaning Pasture	REST		25%	NA	0%	NA
Railroad Canyon Riparian Pasture	Trailing on and off		25%	NA	25%	NA

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

The riparian evaluation that was reread in 1996, in the Hood Gulch pasture, indicates that the Riparian condition has risen to a mid-seral condition. This would allow a 45% utilization level on the riparian area in Hood Gulch. This level of use is appropriate according to the Grazing Plan Amendment in the Forest Plan.

The 35% utilization in Frankhall/Wildcat was FS fault, we let them stay a couple of days to long.

STUDIES CONDUCTED

A. 2 Riparian Evaluations were established or reread in 1997.

Jakes Canyon reread in 1997.

Greenline = 64, high-seral = Trend is static.
Cross section = 47, mid-seral.
Woody species regeneration = 0 young, 7 young, 53 mature, 17 decadent, 9 dead.
Green line stability = good.
Streambank stability read in 1997 = 77% stable, at start of greenline.

Canyon Creek II, reread in 1997.

Greenline = 95, pnv.
Cross-sections = 76, late-seral condition.
Woody species = 10 seedlings, 10 young, 82 mature, 33 decadent, 21 dead.
Green line stability = 7.87 high.
Streambank stability read in 1997 = 69% stable.

NUMBER OF ALLOTMENT INSPECTIONS = 26

NUMBER OF CAGES ESTABLISHED IN 1997 = 0

Total no. of cages monitored = 3

Lemhi Watershed
1997 Range Monitoring Report
Hawley Cr C&H Allotment

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
1162	7/1	9/30	3524	1162	7/1	9/30	3524	1162	7/1	9/30	3509*

This number reflects that one permittee removed 30 pairs of his livestock on 9/15/97.

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
N.Rnch/Rsvr/Ltle Br(3)	9/1	9/30	45%	50%	40%	30%
Reservoir Creek			35%		35%	30%
Ltle Bear/S.Rnch (1)	7/1	8/05	45%	50%	41%	45%
Reservoir Creek			35%		35%	20%
Poison Creek			35%		35%	20%
Big Bear (2)	8/06	8/31	45%	50%	35%	40%
Bog Creek			35%		35%	25%

[1]Riparian area utilization levels in the Big Bear unit will be 45% except in Bog Creek where riparian utilization levels will not exceed 35%.

[2]Riparian area utilization levels in the Ranch unit will be 45% except in Reservoir Cr. where riparian utilization levels will not exceed 35%.

[3]Riparian area utilization levels in the Little Bear unit will be 45% except in Poison Cr. and Reservoir Cr. where riparian area utilization levels will not exceed 35%.

These lower utilization levels were determined using 1992 Grazing Monitoring Procedures and riparian area ecological condition data gathered in 1994.

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

More cross-sectional legs were added to the riparian evaluations this year.

STUDIES CONDUCTED

A. 3 Riparian Evaluations were reread, along with a 1989 photo transect in 1997.

Big Bear Pasture

Big Bear Creek in 1997.

Greenline = 35, Early-seral, Trend is slightly up.
Cross-sections = 5, very-early, Trend is slightly down.
Woody Species regeneration = 1 seedlings, 10 young, 63 mature, 14 decadent, 0 dead.
Greenline Stability = 6.84, good.

Little Bear Unit

Reservoir No.I reread in 1997.

Greenline = 44, Mid-seral, Trend is up.
Cross-sections = 43, Mid-seral, Trend is up.
Woody Species regeneration = 15 seedlings, 99 young, 76 mature, 5 decadent, 7 dead.
Greenline Stability = 5.68, moderate.

Ranch Unit

Reservoir No.II reread in 1997.

Greenline = 34, Low-seral, Trend is up.
Cross-sections = 13, Mid-seral, Trend is static.
Woody Species regeneration = 15 seedlings, 42 young, 60 mature, 7 decadent, 20 dead.
Greenline Stability = 5.27, moderate.

B. No Trend Studies were conducted in 1997.

C. Streambank Stability

Reservoir Creek in Little Bear Pasture = 62% stable in 1997.
Reservoir Creek in the Ranch Unit = 55% stable in 1997.

NUMBER OF ALLOTMENT INSPECTIONS = 15

Lemhi Watershed
1997 Range Monitoring Report
HES 208 Pasture

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
Vari-es	6/1	10/31	Not to Exceed 10 HM		6/1	10/29	10 HM		6/1	10/29	10 HM

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
HES 208	6/1	10/29	45%	50%	45%	45%

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

HES 208 is comprised of approximately 120 acres of private land and 35 acres of USFS land that are fenced in common.

STUDIES CONDUCTED

A. No new Riparian Evaluations were done in 1997.

B. No Trend Studies were conducted in 1997.

C. No Streambank Stability studies were conducted in 1997.

NUMBER OF CAGES ESTABLISHED IN 1997 = 0

Lemhi Watershed
1997 Range Monitoring Report
H.E.S. 541 Allotment

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
80	7/1	9/30	4	80	7/1	9/30	4	80	7/1	9/30	4

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
HES 541	7/1	9/30	NA	50%	NA	40%

HES 541 is comprised of approximately 160 acres of private land and 13 acres of USFS land that are fenced in common. The 13 acres of federal land are upland and are estimated to be in mid seral condition.

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

Allotment was checked for removal of cows by the end of the grazing season on 10/3.

STUDIES CONDUCTED

A. No Riparian Evaluations were conducted in 1997.

B. No new trend studies were conducted in 1997.

C. No Streambank Stability studies were read in 1997.

NUMBER OF ALLOTMENT INSPECTIONS = 1

Lemhi Watershed
1997 Range Monitoring Report
HES 659 Allotment

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
40	7/1	9/30	Not to Exceed 7 HMs	40	7/1	9/30	Not to Exceed 7 HMs	40	7/1	9/30	7

This small piece of ground is 16 acres in size and is interpersed with 320 acres of private ground. The permittee uses this 320 ac as private pasture from 7/1-9/30 for his livestock.

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
HES 659	7/1	9/30	NA	50%	NA	50%

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

Allotment was inspected 10/1 to check for compliance of off date. Utilization was estimated.

STUDIES CONDUCTED

A. No Riparian Evaluation studies were conducted in 1997.

B. No Trend Studies were conducted in 1997.

C. No Streambank Stability studies were conducted in 1997.

NUMBER OF ALLOTMENT INSPECTIONS = 1

Lemhi Watershed
1997 Range Monitoring Report
Lee Creek Allotment

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
463	6/16	8/15	926	463	6/16	8/15	926	463	6/16	8/25	1080

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Big Eightmile	6/16	7/05	50%	50%	45%	35%
Everson	7/06	7/26	50%	45%	40%	35%
Lee Creek	7/27	8/25	45%	50%	45%	35%
Walters Creek *	REST		35%	45%	22%	22%

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

* - The 22% utilization figure shown for the rest pasture is contributed to elk use, rather than cow use.

This allotment was given a 5 day extension, it was a good forage year and excess forage was available.

All cages were moved before livestock entered onto the allotment.

NUMBER OF INSPECTIONS MADE IN 1997 = 19

STUDIES CONDUCTED

A. No new riparian evaluations were conducted in 1997.

B. No new trend studies were completed in 1997.

C. No Streambank stability studies were conducted in 1997.

NUMBER OF CAGES ESTABLISHED AT THE START OF THE 1997 GRAZING SEASON = 5

Total no. of cages established/unit.

Walters Unit

Walters Creek Cage

Lee Cr. Unit

Porcupine Creek Cage
Lee Creek Cage

Everson Cr. Unit

Everson Creek Cage

Big Eightmile Unit

Big Eight Mile Ridge Cage

Lemhi Watershed
1997 Range Monitoring Report
Little Eight Mile C&H Allotment

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
159	6/26	9/20	461	159	6/26	9/20	461	159	7/03	9/25	450

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Lower	7/03	7/31	35%	35%	46%	35%
Upper South	9/03	9/25	45%	45%	45%	45%
Upper North	8/1	9/02	40%	40%	40%	40%

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

Cattle were moved as proper use was reached on each of the three units. As the end of the season approached, an inspection was made. An open gate was found, 47 head went back into the previously grazed unit and stayed for about a week. This is the cause of the over utilization of the riparian area on the lower unit. One 10 acre bench, on the uplands with 60% utilization was found, the rest of the uplands met the standard.

A warning letter was sent to the permittee and he was billed and did pay for the unauthorized use.

STUDIES CONDUCTED

A. Riparian Evaluation: No new riparian evaluations were conducted in 1997.

B. Trend Studies: No new trend studies were conducted in 1997.

C. Streambank Stability: No stremabank stability studies were conducted in 1997.

NUMBER OF ALLOTMENT INSPECTIONS = 8

NUMBER OF CAGES ESTABLISHED IN 1997 = 0

Lemhi Watershed
1997 Range Monitoring Report
McFarland Pasture

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
121	6/1	7/15	Not to exceed 11 HMs	121	6/1	7/15	Not to Exceed 11HMs	121	6/1	7/15	11

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
McFarland pasture	6/1	7/15	NA	50%	NA	50%

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

STUDIES CONDUCTED

No new studies were conducted in 1997.

NUMBER OF ALLOTMENT INSPECTIONS = 1

One inspection was made to check for livestock after 7/15. No livestock could be found after the above date.

NUMBER OF CAGES ESTABLISHED IN 1997 = 0

ALLOTMENT DISCUSSION AND COMMENTS

The McFarland Pasture is comprised solely of approximately 31 acres of USFS land that is fenced in common with an undetermined acerage of private ground ground. The 31 acres of federal land is upland range in mid seral condition.

Lemhi Watershed
1997 Range Monitoring Report
Mollie Gulch C&H Allotment

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
210	8/1	9/10	280	210	8/11	9/21	280	210	8/11	9/21	280

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Irish Boy Spr.	8/11	9/21	45%	45%	35%	35%
Stoud Unit	8/11	9/21	45%	45%	35%	25%
North Unit	8/11	9/21	45%	45%	35%	35%

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

This allotment was recently converted from sheep to cows. It appears that this grazing scheme is working. The plants, generally, are not grazed until after their growing season, and the physiology of the plants are being provided for.

STUDIES CONDUCTED

No new studies were conducted on this allotment in 1997.

NUMBER OF ALLOTMENT INSPECTIONS = 6

NUMBER OF CAGES ESTABLISHED IN 1997 = 0

Total no. of cages established at the start of the 1997 grazing season?

Lemhi Watershed
1997 Range Monitoring Report
Nez Perce Cr. C&H Allotment

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
200	7/1	9/20	533	200	7/1	9/20	533	200	7/1	9/20	533

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Nez Perce	9/1	9/20	50%	50%	45%	35%
Deer Creek	8/1	8/31	50%	50%	50%	45%
Dry Gulch	R	R	50%	50%	0 %	0 %
Mtn. Boy	7/1	7/31	50%	50%	45 %	45 %

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

STUDIES CONDUCTED

No studies were conducted in 1997.

NUMBER OF ALLOTMENT INSPECTIONS = 2

Final inspection was made after the grazing season to check for timely removal of livestock after the off date of 9/20.

NUMBER OF CAGES ESTABLISHED IN 1997 = 0

Total no. of cages established at the start of the 1996 grazing season = 4

Lemhi Watershed
1997 Range Monitoring Report
Pattee Cr/Warm Springs C&H Allotment

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
500	7/26	9/7	700	500	7/26	9/7	700	426			

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Lower Pattee BLM	10/11	10/19		4"		
Middle Pattee BLM	9/19	10/10		4"		
Upper Pattee BLM	9/4	9/18		4"		
Warm Sprgs. Upper BLM	7/26	9/3		4"		
Warm Sprgs. Mid. BLM	6/13	7/25		4"		
Warm Sprgs. Lower BLM	5/16	6/12		4"		
Pasture Mountain FS	7/27	9/3		40%		
Kenney Cr. Slope FS	7/27	9/3		40%		
Pattee Cr. Meadows FS	7/27	9/3		40%		
Middle Mountain FS	7/27	9/3		40%		
Pattee Rip. Past. FS				40%		

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

BLM will report results.

STUDIES CONDUCTED

A. Two, level III Riparian Evaluations (Greenline, woody stem regeneration and cross-section data) were completed in 1996.

Pasture Mountain Unit

Upper and Lower Pattee Creek Greenline
Upper greenline is PNV = 100, Lower greenline is Low Seral = 29

Upper Cross Section = PNC, 98. Lower Cross Section = Mid-seral, 51.
Woody Species, Upper = Seedling = 377, Sapling = 1, Mature = 0, Decadent = 0, Dead = 0.

Woody Species, Lower = Seedling = 21, Sapling = 30, Mature = 40, Decadent = 0, Dead = 2.

Greenline Stability Rating - Upper = 8.39, high, Lower = 9.2 very high.

Greenline Stability Rating - Upper = 8.39, high, Lower = 9.2 very high.

B. One new upland trend study was completed in 1997

C. Streambank Stability = Upper = 100%, Lower = 100%

NUMBER OF ALLOTMENT INSPECTIONS = 12

NUMBER OF CAGES ESTABLISHED IN 1997 = 0

Lemhi Watershed
1997 Range Monitoring Report
Peterson Cr. C&H Allotment

PRODUCTION/UTILIZATION

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
12	8/31	10/31	Not to Exceed 36 HMs	12	8/31	10/31	Not to Exceed 36 HMs	12	8/31	10/31	36 HMs

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Peterson Creek	8/31	10/31	0	45%	0	20%

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:
Use on the allotment this season was attributed to elk. very few livestock accessed the allotment this season.

STUDIES CONDUCTED

A. No new Riparian Evaluation studies were conducted in 1997.

B. No new trend studies were conducted in 1997.

C. No new Streambank Stability studies were conducted in 1997.

NUMBER OF ALLOTMENT INSPECTIONS = 1

NUMBER OF CAGES ESTABLISHED IN 1997 = 0

ALLOTMENT DISCUSSION AND COMMENTS

This allotment is essentially an on/off allotment and sometimes does not receive any substantial use.

Lemhi Watershed
1997 Range Monitoring Report
Powderhorn C&H Allotment

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
FS Permit											
85	7/1	9/30	255	85	7/1	9/30	255	85	7/1	9/30	255
32	8/15	10/15	64	32	8/15	10/15	64	32	8/15	10/15	64
BLM Permit											
34	6/01	9/30	136	34	6/01	9/30	136	34	6/01	9/30	136
350	4/15	5/01	188	169	4/15	5/01	96	169	4/15	5/01	96
			*	169	6/01	7/31	142	169	6/01	7/31	250
150	5/01	12/12	1070	650	5/15	12/15	4636	650	5/15	11/01	3705
625	5/01	6/30	1203					150	11/15	12/15	150
782	7/01	7/15	370								
734	7/16	7/31	371								
626	8/01	9/15	909								
332	9/16	12/12	922								
Totals			5488				5329				4656

* = BLM land fenced in with Private land.

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Ellsworth	R		50%	50%	0%	0%
Carlton's Field	4/15	5/01	50%	50%	45%	45%
10 Mile Field	5/15	6/15	45%	50%	35%	35%
Steer Pasture(Pvt)	6/15	9/15	50%	50%	50%	50%
Walters			45%	50%	45%	50%
Center Field	6/16	7/15	45%	45%	45%	45%
Powderhorn FS/BLM	7/16	9/02	50%	50%	50%	50%
Bull Cr.			40%	40%	0%	0%
Perk/Dry			40%	40%	40%	40%
Powderhorn/10-Mile			40%	40%	40%	40%
Upper 10 Mile	7/16	9/02	45%	50%	45%	45%
Private	9/03	9/11				
18 Mile	9/12	11/01	45%	50%	45%	45%
Winter Range	11/15	12/15	45%	45%	45%	45%

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

This allotment is being considered for a Coordinated Resources Management Plan by the BLM and FS. It was combined on a trial basis in 1997. Administration is being done by the FS, with help from the BLM. The ranch was sold late in the year. The old permittee removed his livestock early. The new permittee was given a temperary permit to run 150 head on the BLM from 11/15-12/15.

Some of the pastures used in the rotation are private with BLM land fenced in. These are generally used to augment the current grazing system.

STUDIES CONDUCTED

A. No riparian evaluations were conducted in 1997.

B. No new trend studies were conducted in 1997.

C. No streambank stability studies were conducted in 1997.

NUMBER OF ALLOTMENT INSPECTIONS = 17

NUMBER OF CAGES ESTABLISHED IN 1997 = 0

Lemhi Watershed
1997 Range Monitoring Report
Railroad Lands Pasture

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
20	6/1	10/31	Not to Exceed 36 HMs	20	6/1	10/31	Not to Exceed 36 HMs	20	6/1	10/31	Not to Exceed 36 HMs

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Railroad Lands	6/1	10/31	50%	50%	50%	50%

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

The Railroad Lands Pasture is comprised of approximately 25 acres of USFS land that is fenced in common with an undetermined acerage of private ground. The pasture contains both upland range and riparian areas, these areas are estimated to be in mid seral condition.

STUDIES CONDUCTED

A. No riparian evaluations were conducted in 1997.

B. No new trend studies were conducted in 1997.

C. No streambank stability studies were conducted in 1997.

NUMBER OF ALLOTMENT INSPECTIONS = 1

One inspection was made to check for livestock after 10/31. No livestock could be found after the above date.

Lemhi Watershed
1997 Range Monitoring Report
Sandy Creek C&H Allotment

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
15	6/1	7/31	Not to Exceed 30 HMs	15	6/1	7/31	Not to Exceed 30 HMs	15	6/1	7/31	Not to Exceed 30 HMs

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Sandy Creek	6/1	7/31	0	50%	0	45%

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

STUDIES CONDUCTED

A. No riparian evaluations were conducted in 1997.

B. 1 new site analysis trend study was completed in 1997.

C. No streambank stability studies were conducted in 1997.

NUMBER OF ALLOTMENT INSPECTIONS = 2

NUMBER OF CAGES ESTABLISHED IN 1997 = 2

Lemhi Watershed
1997 Range Monitoring Report
South Hayden Allotment

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
522	5/1	9/30	2662	522	5/1	9/30	2662	300 222	5/10 5/25	10/07 10/07	1509 1006

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Berg-green	R		0	45%	0	0%
Indian Caves	5/10	7/04	0	45%	0%	35%
Struggle Gulch	5/25	7/04	45%	45%	40%	35%
Antone Unit	7/05	7/20	45%	45%	35%	35%
Meadow Mountain	7/20	8/16	45%	50%	45%	40%
Zeph Creek	8/16	9/10	45%	45%	63%	30%
Mill Creek	9/10	9/24				
Jack Smith Gulch			35%	45%	* 45%	40%
Alder Creek			45%	45%	45%	35%
Mill Creek Flat	9/25	10/07	0	45%	0	35%

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

Currently this allotment is under an MOU with the BLM, and is being managed by the USFS as if it were under a Coordinated Resources Management Plan. Though not yet finalized.

The grazing system is a eight pasture deferred rotation system.

* - Utilization was taken in Jack Smith Gulch at the end of the Grazing season. Hunters had moved in, private stock had grazed off forage that had been left for proper utilization.

Over utilization occured in Zeph Creek at the end of the season. Two gates were left open, on two different occasions during the hunting season. The livestock came back to the previously grazed pasture from FS (Mill Cr.) and BLM (Mill Creek Flat) pastures.

STUDIES CONDUCTED

A. No Level II Riparian Area Evaluation were done in 1997.

B. Trend Studies: No new trend studies were conducted this year.

C. No Streambank Stability studies were done inn 1997.

NUMBER OF ALLOTMENT INSPECTIONS = 15

NUMBER OF CAGES ESTABLISHED IN 1997 = 0

Total no. of cages established/unit.

Mill Cr. Unit = 2
Zeph Cr. Unit = 2
Meadow Mtn. Unit = 2

Total number of cages established at the start of the 1997 grazing season = 6

Lemhi Watershed
1997 Range Monitoring Report
Swan Basin C&H Allotment

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
435	6/16	9/30	1535	435	6/16	9/30	1535	435	6/19	9/30	1522

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Chandler Springs	6/19	7/8	45%	45%	20%	15%
Lower Timber	7/09	7/26	45%	45%	43%	30%
Upper Timber	7/27	8/18	35%	45%	35%	35%
Upper Grove Cr.	8/19	9/18	45%	45%	43%	35%
Middle Fork	9/19	9/30	45%	45%	45%	30%
Lower Grove Cr.	R				0%	0%

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

i.e. Trend studies, Greenline, Streambank Stabilty, etc

STUDIES CONDUCTED

A. No Riparian Evaluations were completed in 1997.

B. No Trend Studies were conducted in 1997.

C. No Streambank Stability Studies were conducted in 1997.

NUMBER OF ALLOTMENT INSPECTIONS = 8

NUMBER OF CAGES ESTABLISHED IN 1997 = 0

Lemhi Watershed
1997 Range Monitoring Report
Tex Creek C&H Allotment

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
100	5/26	11/30	Not to Exceed 114 HM	100	5/26	11/30	Not to Exceed 114 HM	100	5/26	11/30	Not to Exceed 114 HM

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Tex Creek	5/26	11/30	45%	45%	45%	35%

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

The Tex Creek allotment is not divided into units. The USFS portion of this allotment is grazed in common with the permittees private land and the BLMs Center Ridge Allotment. The Tex Creek Allotment (FS portion) comprises about 20% of the total grazing area. This allotment is authorized for season long grazing from 5/26 - 11/30. Use on the FS portion should not exceed 114 HMs. Generally this use occurs in the late summer or early fall.

A. No riparian evaluations were conducted in 1997.

B. No new trend studies were conducted in 1997.

C. No streambank stability studies were conducted in 1997.

NUMBER OF ALLOTMENT INSPECTIONS = 2

NUMBER OF CAGES ESTABLISHED IN 1997 = 0

Lemhi Watershed
1997 Range Monitoring Report
Timber Creek C&H Allotment

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
60	7/1	9/30	180	60	7/1	9/30	180	60	7/1	9/30	180

AGREED UPON ACTIONS:

ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Short Creek	8/1	8/20	50%	50%	50%	20%
Trail Creek	8/21	9/30	50%	50%	45%	30%
Rocky Creek	7/1	7/31	50%	50%	50%	45%

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

Permittee's cattle strayed off of this allotment onto the adjacent Flatiron sheep allotment (vacant allotment) as a result of getting around a boundary fence-which utilizes natural steep terrain as a barrier. Since this has occurred in the past, the permittee was sent a warning letter of partial permit suspension if it reoccurs

A. No Riparian Evaluation studies were conducted in 1997.

B. No Trend Studies were conducted in 1997.

C. No Streambank Stability Studies were conducted in 1997.

NUMBER OF ALLOTMENT INSPECTIONS = 7

NUMBER OF CAGES ESTABLISHED IN 1996 = 0

Total no. of cages established/unit at the start of the 1997 grazing season = 0

Lemhi Watershed
1997 Range Monitoring Report
Upper Hayden Allotment

TERM GRAZING PERMIT				AUTHORIZED USE (In screen, BA or AOP)				ACTUAL USE			
No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.	No.	On Date	Off Date	H.M.
500	7/1	9/30	1533	500	7/1	9/30	1533	500	7/1	9/30	1533
240	5/21	6/31	327	240	6/1	6/31	248	240	6/1	6/31	240

AGREED UPON ACTIONS:

s ACTUAL GRAZING SCHEDULE			ALLOWABLE STANDARD Stub. Ht. / Util.		ACTUAL RESULTS	
Unit Name	On Date	Off Date	Riparian	Uplands	Riparian	Uplands
Meadow Creek (BLM)	6/1	6/31	45%	45%	45%	35%
Apple Creek	7/1	7/28	45%	45%	35%	35%
Upper Hayden	7/29	8/31	40%	40%	42%	40%
Payne/Ford	7/29	8/31	45%	50%	30%	25%
Kadletz Creek	9/1	9/30	50%	45%	48%	40%
Boulder Flat	9/1	9/30	30%	30%	25%	25%
Tobias/Mogg	R		50%	45%	20%	10%

OTHER DATA COLLECTION RESULTS, COMMENTS, OR PHOTOGRAPHS:

The FS and the BLM are considering combing the FS's Upper Hayden Allotment with the BLM's Meadow Creek into one Allotment, managed under a CRMP. This was tried in 1997. The FS is administering the Allotment.

The Tobias/Mogg Unit was a rest unit. During the hunting season gates were left open and wires cut. This allowed livestock entry into this unit. During a joint allotment inspection, with the permittee, we discovered the cattle which were removed within a reasonable length of time.

A. Riparian Evaluations: No new studies were conducted in 1997.

B. Trend Studies: No new trend studies were conducted in 1997.

C. No stremabank stability studies were conducted in 1997.

NUMBER OF ALLOTMENT INSPECTIONS = 19

NUMBER OF CAGES ESTABLISHED IN 1997 = 0

Total no. of cages established at the start of 1997 grazing season.

Kadletz Creek = 4
Payne/Ford Creek = 3
Tobias/Mogg Creek = 2
Upper Hayden = 0
Apple Creek = 2
Boulder Flat = 1

United States Department of Agriculture | Forest Service | Salmon-Challis National Forest | Headquarters Bldg RR 2 Box 600 Salmon, ID 83467

File Code: 2670

Date: February 20, 1998

William Stelle, Jr.
Director - Northwest Region
National Marine Fisheries Service
7600 Sand Point Way NE
BIN C15700 Building 1
Seattle, WA 98115-0070

Dear Mr. Stelle:

Enclosed for review are copies of the ESA Section 7 Annual Grazing Implementation Monitoring Report for 1997. Overall, the grazing activity went very well this past year on the Forest; however, there are some areas which will need to be addressed prior to the next grazing season.

The Bayhorse Division of the Squaw Creek Allotment needs to be reviewed due to the continued problems in that area.

The standards for the Hood Gulch Unit of the Grizzly Hill Allotment needs to be reviewed due to the improved condition in the riparian area.

The standard for the Lower Unit of the Little Eight Mile Allotment was exceeded in the riparian area. Apparently livestock returned to the unit once they were removed.

Standards were exceeded in the Jack Smith Gulch of the South Hayden Allotment due to recreational horse use and in the Zeph Creek Unit due to livestock returning to the unit once they were removed.

Also enclosed is the list of allotments that we are to reinitiate consultation on per the April 14, 1995 concurrence letter.

If you have any questions, feel free to contact Bob Russell or Shanda Dekome at (208) 756-5100.

Sincerely,

for Rick Mikelich

GEORGE MATEJKO
Forest Supervisor

Enclosures

cc: (w/enclosures)
Ted Meyers, NMFS, Boise, ID
Elizabeth Gaar, NMFS, Portland, OR
2230

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Salmon-Challis National Forest
ALLOTMENTS FOR REINITIATION OF CONSULTATION

WATERSHED	ALLOTMENT	REINITIATION DATE
North Fork	Indian Ridge	1997*
Upper Salmon	Cabin Creek	1998
	Hat Creek	1998
	Deer-Iron	1998
	North Basin	1998
	Twelvemile	1998
	SF Williams	1998
	Carmen	1998
	Fourth of July	1998
	Williams-Napias	1998
Camas	Camas	1998
Panther	Prairie Basin(Morgan Cr)	1998
Morgan Creek	Morgan Creek	1998

* Denotes that consultation was not initiated for 1997 due to total non-use on the allotment.

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